THE TRANSPORTATION TOMORROW SURVEY

TRAVEL SURVEY SUMMARY FOR THE GREATER TORONTO AREA

FIFTH REPORT OF A SERIES

**UNIVERSITY OF TORONTO / YORK UNIVERSITY
JOINT PROGRAM IN TRANSPORTATION
DATA MANAGEMENT GROUP**

TRAVEL SURVEY SUMMARY FOR THE GREATER TORONTO AREA

Prepared for the

Toronto Area Transportation Planning
Data Collection Steering Committee

by the

Data Management Group,
University of Toronto / York University
Joint Program in Transportation
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Participating Agencies:

- GO Transit
- Metropolitan Toronto
- Ministry of Transportation, Ontario
- Regional Municipalities of Durham, Halton, Hamilton-Wentworth, Peel and York
- Toronto Transit Commission

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Ministry of Transportation, Ontario
Municipality of Metropolitan Toronto
Regional Municipality of Durham
Regional Municipality of Halton
Regional Municipality of Hamilton-Wentworth
Regional Municipality of Peel
Regional Municipality of York
Toronto Transit Commission
GO Transit

FURTHER INFORMATION

The Transportation Tomorrow Survey was a comprehensive telephone interview survey on household travel behaviour in the Greater Toronto Area conducted in the fall of 1986 by the **Ministry of Transportation, Ontario** under the direction of the **Toronto Area Transportation Planning Data Collection Steering Committee.** The data is currently under the care of the **Data Management Group** at the University of Toronto. This group is responsible for making available detailed travel information from the TTS data base. Requests for information from the TTS, or enquiries related to the contents of this report should be directed to the address below. Additional copies of this report may also be obtained from this source at a cost of thirty dollars per copy.

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INTRODUCTION

BACKGROUND

Transportation is essentially a public service and transportation planning is concerned with the proper allocation of public funds to activities related to this service. Proper planning can encourage investment that provides a high level of transportation service to commuters and acts as a catalyst to land and economic development.

The demand for urban transportation is driven by the location of urban activities. The magnitude and location of these activities in the Greater Toronto Area (GTA) have been experiencing dramatic change for several decades. Although the City of Toronto continues to be a large employment centre, growth in both employment and residential activities is occurring further and further from the central area. This trend places severe pressure on transportation facilities that are used to support the resulting increase in magnitude and length of trips in the GTA. Improvements to the existing transportation structure that are dictated by these changes require a planning process that evaluates all potential improvements.

Understanding the character and magnitude of today's urban travel is fundamental to proper planning for the future. The Transportation Tomorrow Survey (TTS) is an effort to provide a better understanding of personal travel activities across the GTA. It is the most comprehensive travel survey in the Toronto Area since the 1964 Home Interview Survey for the Metropolitan Toronto and Region Transportation Study (MTARTS).

The results from the Transportation Tomorrow Survey are a valuable source for all transportation planning activities. This report attempts to present in summary form the information contained in TTS, which should provide the reader with some appreciation of the data base. In addition, this report is intended to promote the use of the data base by any and all agencies associated with transportation in the Greater Toronto Area.

PREVIOUS TTS PUBLICATIONS

This report is the fifth of a series of reports from the TTS study. Earlier publications are entitled:

1. Design and Conduct of the Survey
2. Data Validation
3. Version 2.2 Data Guide
4. An Overview of Travel Characteristics
   in the Greater Toronto Area

PURPOSE OF THIS REPORT

The TTS data is a large and complex collection of information on dwelling units, people and travel in the 6 Regional Municipalities of the Greater Toronto Area. Based on a random sample of households in the GTA, it contains detailed information for over 61,700 households. This data represents the demographic characteristics of approximately 1.5 million households, and the travel characteristics of 8.8 million daily trips made in the GTA.

The purpose of this report is to summarize the data according to commonly used geographic boundaries. The summary tables are in three levels of detail, namely, the entire Greater Toronto Area, each of the 6 Regional Municipalities and their respective Planning Districts. The report covers both socio-economic and travel characteristics. In addition to presenting the magnitude of the trips coming into and leaving an area, the summary tables and figures also describe travel characteristics such as travel purpose, start time, travel distance and travel mode choices.

For a global overview of GTA travel and comparisons of TTS with previous surveys, the reader may refer to TTS Report #4, An Overview of Travel Characteristics in the Greater Toronto Area.

THE TTS DATA

DESIGN AND CONDUCT OF THE SURVEY

The Transportation Tomorrow Survey (TTS) was conducted in the Fall of 1986. The survey covered the entire Greater Toronto Area (GTA). This area consists of Metropolitan Toronto and the Regional Municipalities of Durham, York, Peel, Halton and Hamilton-Wentworth.

The random sample of households in the study area was selected from Bell Canada's residential billing files. The Bell files contain the names, addresses and telephone numbers of households whose telephone numbers are listed in the telephone directory. Households with unlisted telephones were found to be uniformly distributed throughout the Study Area with no obvious correlation with socio-economic status. The target was a 5 percent complete sample across the study area. The actual sampling rate in each Forward Sortation Area (geographically defined by postal codes) was reviewed to ensure uniform sampling across the Regions.

An advance letter was mailed to all sample households prior to the actual interviews. The purpose was to introduce the survey, outline the survey process, and to impress on the household the legitimacy and importance of the interview.

The information collected by the telephone interviewers was manually recorded on coding forms and then entered into a computerized data base. Geographical referencing or "geocoding" was then used to record the sample households' addresses and locations of trip origins and destinations.

TTS Report #1, Design and Conduct of the Survey, provides detailed documentation on the planning and implementation of the survey.

INFORMATION COLLECTED

Both demographic and travel information were collected by TTS.

Demographic information:
1. Household characteristics
    a. Dwelling unit type
    b. Number of persons in household
    c. Number of available vehicles
2. Personal characteristics
    a. Age
    b. Sex
    c. Employment status
    d. Possession of drivers licence

Travel information:
1. Nature of trip
    a. Start time
    b. Purpose of trip
    c. Origin and Destination point
2. Means of travel
    a. Travel mode
    b. Detailed transit routings

A trip was defined as a one-way movement between two places for a single purpose. Trip information was collected for all persons 6 years of age or older over a 24-hour period. To reflect travel activities on an average work day, only trips made on Monday to Friday were recorded. The survey results indicated an equal coverage of trips on each of the five weekdays. A walk or bicycle trip was recorded only if it was made between home and work or home and school.

SAMPLE EXPANSION METHOD

A total of just over 61,700 households were successfully interviewed during the survey. Based on the 1986 Census count of about 1,470,000 households in the Greater Toronto Area, this constitutes a 4.2 percent sample of all households. As intended, the distribution of completed interviews among the Regions was very close to their distribution of household shares in the GTA.

A set of expansion factors was used to expand the information contained in the completed surveys to represent that of the total population in the GTA. These factors were defined as the ratio of the number of Census household units to the number of surveyed household units in an "aggregation district". There were 191 aggregation districts defined for the Study Area. To ensure spatial consistency of the expansion factors, each aggregation district was defined so as to contain a minimum of 2,500 Census household units.

TTS Report #3, Version 2.2 Data Guide, provides a comprehensive description on the sample expansion procedure for the TTS data base. It also provides details of the structure of the data base.

QUALITY OF THE TTS DATA BASE

A Data Validation Team was organized to perform a series of validation exercises on the TTS data base. The purpose was to determine the quality of the data base and to identify any corrections that may be necessary. This validation exercise is fully documented in TTS Report #2, Data Validation. Data entry errors discovered by performing range and logic checks have been corrected and implemented into the current TTS data base, Version 2.2.

The validation exercise indicated that the TTS data base is reliable and representative. With respect to peak period trips, there are no significant differences between TTS results and other data sources such as Census, Labour Force Surveys and Cordon Count Programs. Therefore, the TTS results can be used with reasonable confidence in transportation planning analyses that relate to peak period travel.

As noted in the Data Validation report, a discrepancy has been noted stemming from the tendency of households to remember less about, and to therefore under-report off-peak trips. The effect of this on the accuracy of the TTS's off-peak trip reports is currently being verified.

REPORT CONTENTS

OVERVIEW

The data in this report are presented in two sections. The first section contains demographic characteristics and travel patterns for spatially disaggregate zones. The zones are defined according to Major Planning Districts in addition to summaries according to Regional Municipalities. The second section contains Origin-Destination matrices at the 46 Major Planning District and 6 Region levels.

It must be emphasized that the data in this report consist of **estimated** values derived from Version 2.2 of the TTS data base. The TTS data base is a sample of about 4.2 percent of the households in the GTA. In order to produce the results presented here, the sample was expanded as documented in TTS Report #3 Version 2.2 Data Guide on the basis of the number of **households** sampled. In the sense that it has been factored up from a representative sample, this data base differs in origin from comprehensive data sources such as the Census.

The next section describes the general assumptions used in preparing the data for this report. The following sections discuss in more detail the basis of certain of the figures reported as demographic characteristics and travel patterns. In the data descriptions an **expanded total** refers to the expansion of an observed total by the appropriate household expansion factors.

GENERAL

Several assumptions are used in the preparation of this report which apply to all of the data presented. First of all, to reflect the fact that the numbers presented have been expanded by factors averaging about 25, all totals and subtotals are rounded to the nearest hundred. In addition, all percentages are rounded to the nearest integer.

The second assumption has to do with the handling of invalid survey responses. These are dealt with in two ways. The response is grouped under the "other" category if one is available (dwelling type, for example). Otherwise, the invalid responses are distributed proportionately between the available categories.

The third assumption has to do with external trips. The GTA is subdivided into 46 planning districts. The intent of the TTS was to document travel behaviour within this area. Included in the data base are a certain number of trip records that refer to trips originating in the GTA and linked to destinations external to the GTA. However, due to the home-based sampling technique used, there is no information about trips destined to the GTA from external households. In this report, externally destined trips are included in the **Travel Patterns** data in the first section. In the second section of **Origin-Destination Matrices**, however, these trips are excluded since the intent is to provide a sense of the spatial orientation of GTA trips. Such an orientation would not benefit from the inclusion of an aggregated "External Trips" category, especially so since these trips are not completely accounted for.

DEMOGRAPHIC CHARACTERISTICS

The two figures **Total Number of Households** and **Total Population** are simply the observed totals of household and person records in the data base expanded as discussed above. The **Persons per Household** figure results from the division of the two figures.

The three statistics **Employees per Household, Drivers per Household,** and **Vehicles per Household** are the expanded total numbers of employees (full time and part time), licensed persons, and vehicles respectively divided by the number of households.

The **Employment Status** categories exclude **Work at Home** data. Although these data were collected, the number of people involved was found to be insignificant. The **Part Time** category includes all students with part time jobs. The **Student** category includes only full time students who are not employed in any way.

The **Average Age** statistic comes from adding the ages of the expanded group of all individuals, and dividing by the expanded total population.

TRAVEL PATTERNS

The travel patterns in each area of interest are summarized in two ways. The first includes all trips for which the tripmaker's place of residence is within the area of interest. The trips accounted for in this way include trips made between origins and destinations both inside and outside of the area. The second summary is of all trips made that end in the area of interest. This group includes trips made by both residents and non-residents of the area.

The time periods dealt with are the 24 hour period, and an AM peak period of three hours. The AM peak period was chosen so as to minimize the number of non-work trips that were included. In general, trips made in the AM peak more often clearly reflect primarily work oriented trips. Although the period chosen for the AM peak is indicated as being 6 to 9 AM, the data actually included in this period are for trips which started in the period from 6:00 AM to 8:59 AM. The reason for excluding trips starting at exactly 9:00 was that respondents tend to round off the times they reported to the nearest quarter or half hour. If data for 9:00 were included they would misrepresent the number of trips included in the peak period (that is, trips that were actually underway before 9:00).

The **Destination Trip Purpose** and the **Travel Mode** categories shown here are aggregated from the detailed information obtainable from the survey results. The **Trip Purpose** data represent all trips that have as their destination purpose either **Work, School, Shop, Home** or **Other**. The **Work** category includes both primary (first) and subsequent work trips made throughout the day. The **Other** category includes all other choices collected, namely **Personal Business, Entertainment / Social / Recreational, Passenger Pick Up / Drop Off,** and **Other**.

The **Travel Mode** categories shown are **Automobile** which includes auto drivers and passengers, **Transit** which includes any form of bus or rail transit including schoolbus, **Walk / Cycle** which includes walking and bicycling, and **Other**. The latter category includes **Motorcycles, Taxis,** and **Other**.

The trip lengths used to calculate the **Average Trip Length** were calculated as straight line distances between the points of origin and destination of the trip. The lengths were expanded and summed, and then divided by the expanded total number of trips. Trips with invalid entries for one or both end points were excluded from this calculation.

The **Daily Trips per Person** figure reflects the expanded total number of trips made by residents of the area over a 24 hour period, divided by the expanded total population. The **Daily Work Trips per Employed Person** reflects the expanded total number of primary (first) work trips made by full and part time employed persons.

ORIGIN-DESTINATION MATRICES

The Origin-Destination matrices include in this report cover the two time periods discussed above, and two trip purposes. The **All** trip purpose includes all valid trip records in the data base for which the origin and destination of the trip lie within the GTA.

The **Work** purpose includes the subset of the above records for which the destination purpose code in the data base indicates that the trip was the person's primary (first) work trip of the day. The zone of origin for the work trips is assumed to be the zone of residence of the person making the trip.

Note that all zero value cells in the matrices are shown as blanks to allow the table to be read more clearly. Since all of the numbers in these tables are rounded to the nearest hundred trips, an empty cell indicates that the expanded number of trips was less than 50.

AREA SUMMARIES

GREATER TORONTO AREA

DEMOGRAPHIC CHARACTERISTICS

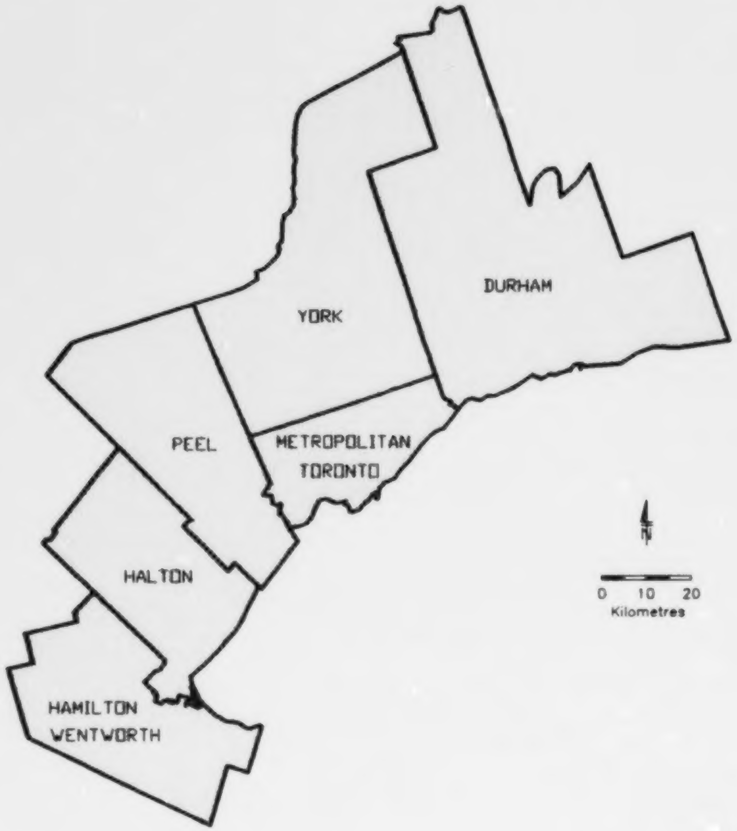
TOTAL NUMBER OF HOUSEHOLDS: 1,466,000

Dwelling Type	House	Apartment/Other			
	66%	34%			
Household Size (persons)	1	2	3	4	5+
	19%	31%	19%	20%	11%
No. of Available Vehicles	0	1	2	3	4+
	14%	43%	33%	7%	3%

Statistics
Persons per Household = 2.77
Employees per Household = 1.49
Drivers per Household = 1.72
Vehicles per Household = 1.41

TOTAL POPULATION: 4,062,600

	Male	Female	Total
Population:	1,995,800	2,066,800	4,062,600
Employment Status:			
Full Time	56%	36%	46%
Part Time	5%	11%	8%
Student	20%	18%	19%
Age: Average = 33.5			
00 - 05	8%	7%	8%
06 - 15	14%	13%	13%
16 - 64	70%	70%	70%
65 - 98	8%	10%	9%
Licensed Drivers:	70%	55%	62%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF THE GREATER TORONTO AREA

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	2,005,100	65%	22%	0%	3%	10%
24 hours	8,762,000	23%	9%	7%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	2,005,100	65%	24%	10%	1%
24 hours	8,762,000	72%	18%	9%	1%
Average Trip Length (km)		10.2	8.7		

Daily Trips per Person (one-way) = 2.16
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO THE GREATER TORONTO AREA

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	1,975,800	65%	22%	0%	3%	10%
24 hours	8,661,100	22%	9%	7%	44%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	1,975,800	65%	24%	10%	1%
24 hours	8,661,100	72%	18%	9%	1%
Average Trip Length (km)		10.2	8.5		

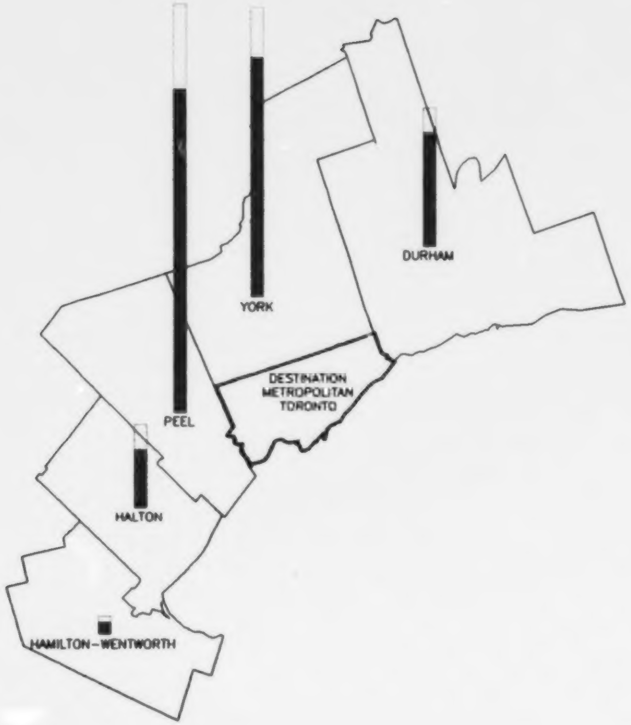
Percentage of trips made within district: 6 - 9 am = 99%
24 hours = 99%

TRANSPORTATION TOMORROW SURVEY

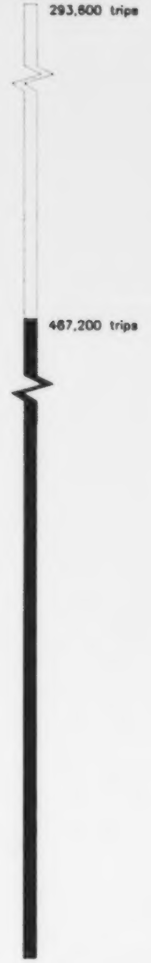
DATA MANAGEMENT GROUP

MUNICIPALITY OF METROPOLITAN TORONTO

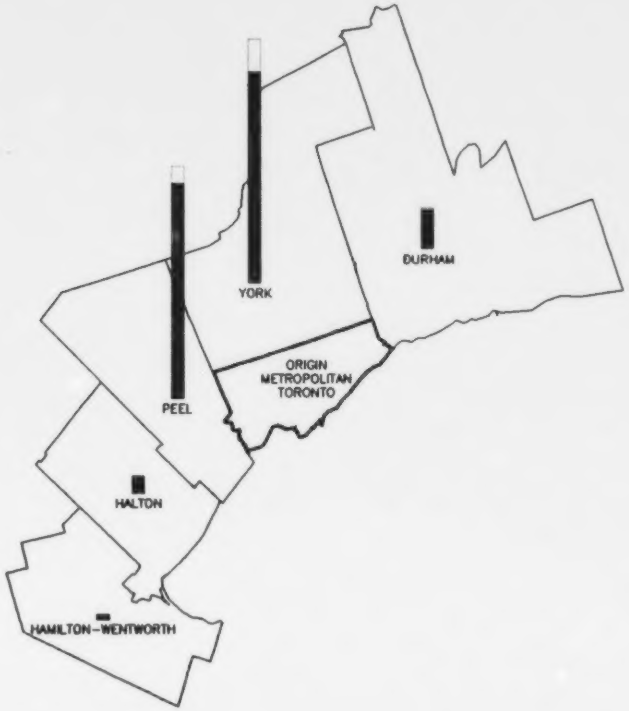
24 - HOUR WORK TRIPS


PEEL
YORK
DURHAM
DESTINATION
METROPOLITAN
TORONTO
HALTON
HAMILTON-WENTWORTH

ORIGINS OF WORK TRIPS DESTINED FOR METROPOLITAN TORONTO



WORK TRIPS WITHIN
THE REGION


PEEL
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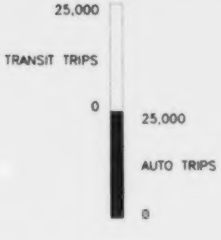
ORIGIN
METROPOLITAN
TORONTO
HALTON
HAMILTON-WENTWORTH



LEGEND

DESTINATIONS OF WORK TRIPS ORIGINATING IN METROPOLITAN TORONTO

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

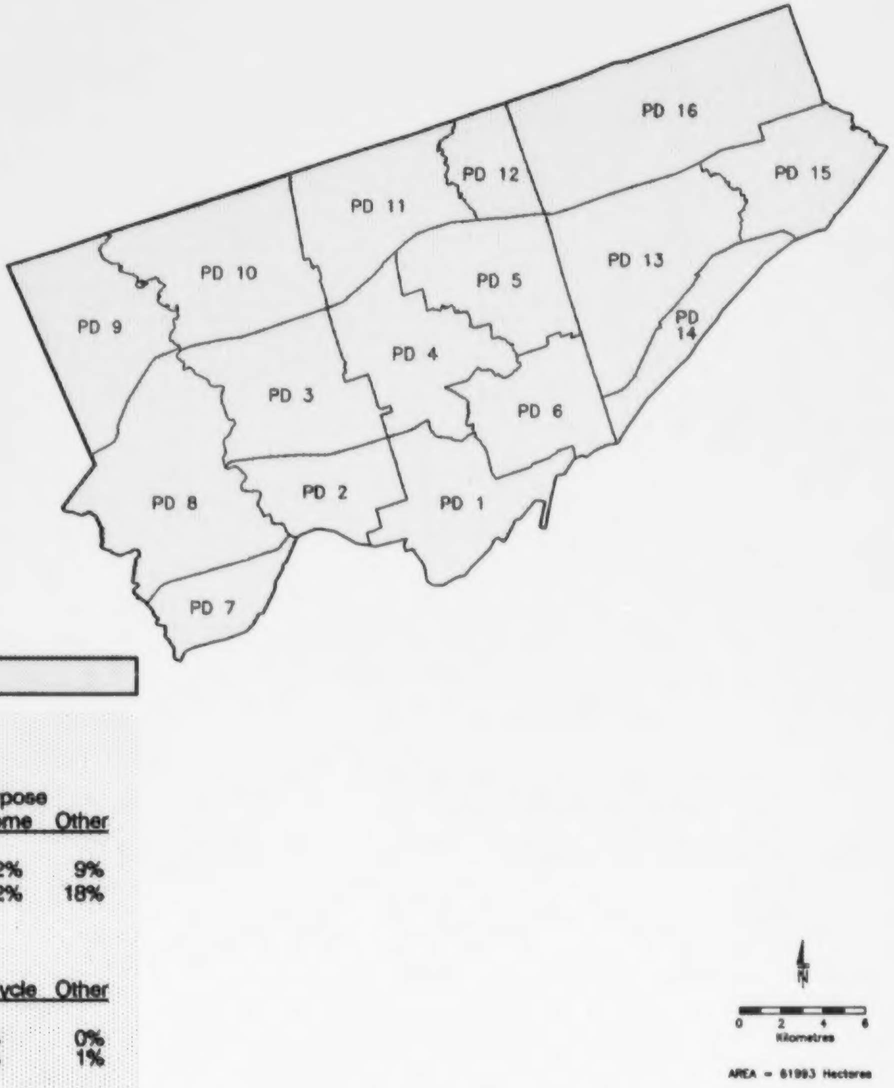
TOTAL NUMBER OF HOUSEHOLDS: 820,800

Dwelling Type	House	Apartment/Other			
	57%	43%			
Household Size (persons)	1	2	3	4	5+
	24%	32%	18%	16%	10%
No. of Available Vehicles	0	1	2	3	4+
	22%	47%	25%	5%	1%

Statistics
Persons per Household = 2.60
Employees per Household = 1.44
Drivers per Household = 1.58
Vehicles per Household = 1.21

TOTAL POPULATION: 2,134,700

	Male	Female	Total
Population:	1,043,000	1,091,700	2,134,700
Employment Status:			
Full Time	57%	40%	48%
Part Time	5%	9%	7%
Student	18%	16%	17%
Age: Average = 34.9			
00 - 05	7%	6%	7%
06 - 15	12%	11%	11%
16 - 64	72%	72%	72%
65 - 98	9%	11%	10%
Licensed Drivers:	70%	51%	61%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF METROPOLITAN TORONTO

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	1,054,800	68%	21%	0%	2%	9%
24 hours	4,387,800	24%	9%	6%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	1,054,800	57%	33%	10%	0%
24 hours	4,387,800	64%	26%	9%	1%
Average Trip Length (km)		8.9	7.6		

Daily Trips per Person (one-way) = 2.06
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO METROPOLITAN TORONTO

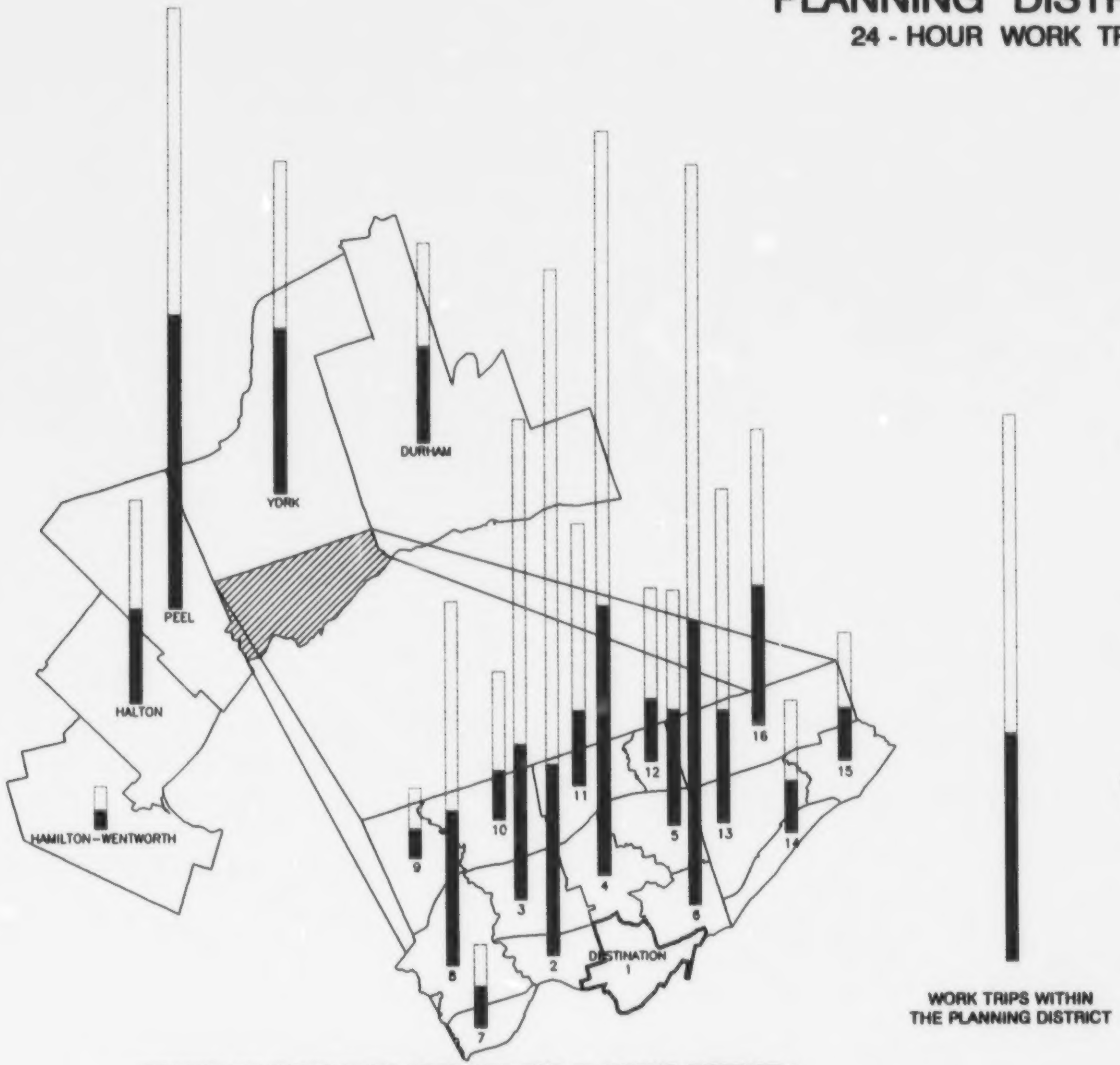
Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	1,157,200	69%	20%	0%	2%	9%
24 hours	4,543,800	25%	9%	6%	42%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	1,157,200	58%	33%	9%	0%
24 hours	4,543,800	64%	26%	9%	1%
Average Trip Length (km)		9.1	8.3		

Percentage of trips made within district: 6 - 9 am = 81%
24 hours = 87%

PLANNING DISTRICT 1

24 - HOUR WORK TRIPS


PEEL
YORK
DURHAM
HALTON
HAMILTON-WENTWORTH
9
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13
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6
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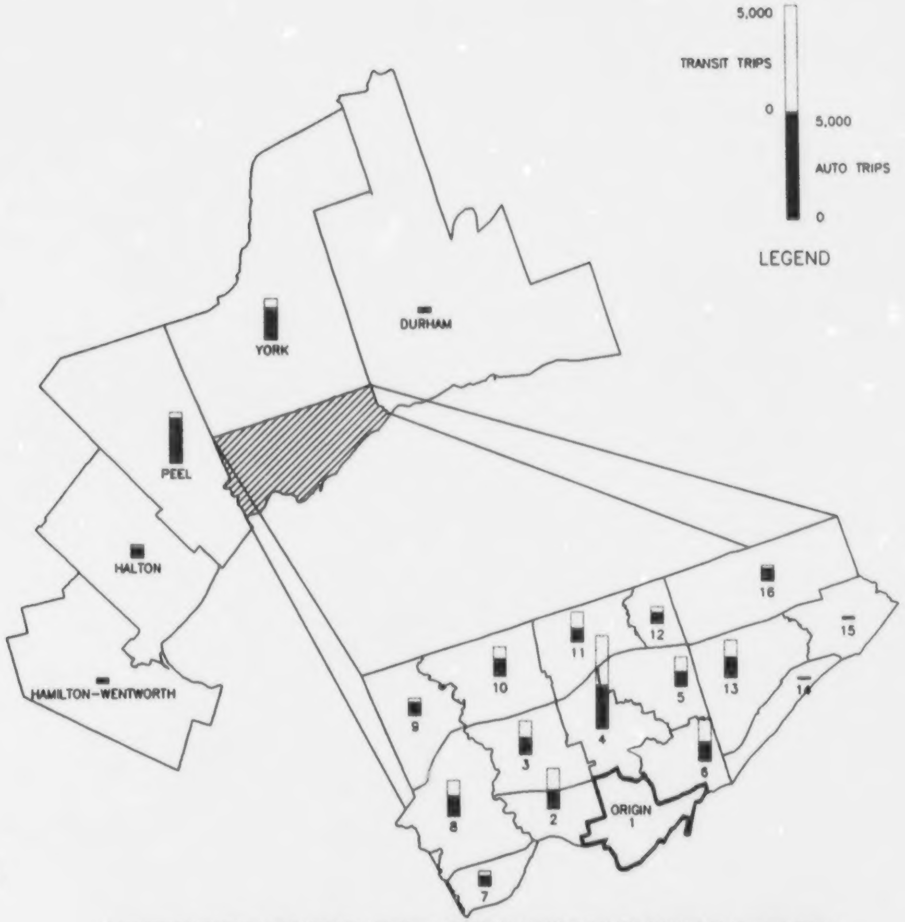
2
7
DESTINATION 1
WORK TRIPS WITHIN THE PLANNING DISTRICT

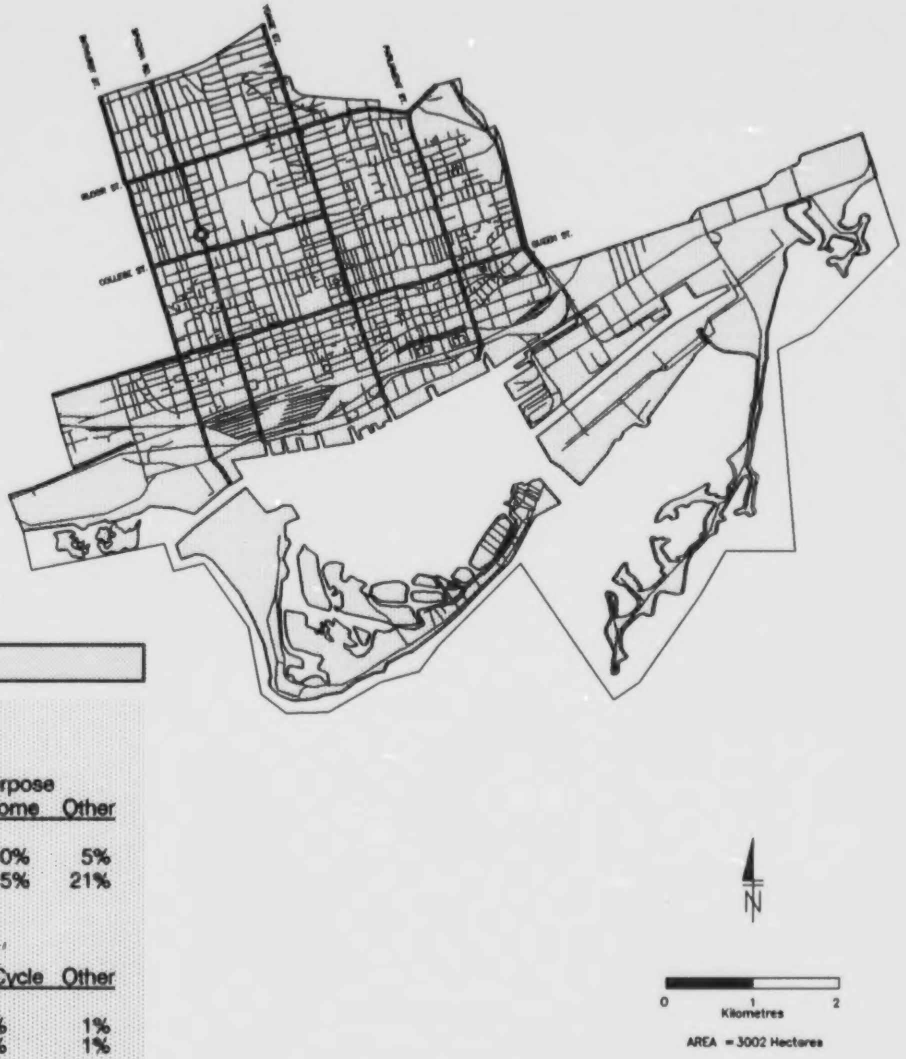
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 1


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
YORK
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
16
11
12
15
10
5
13
14
9
4
3
6
8
2
ORIGIN 1
7

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 1

PLANNING DISTRICT 1

METROPOLITAN TORONTO



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 64,300

Dwelling Type	House	Apartment/Other
	24%	76%

Household Size (persons)	1	2	3	4	5+
	46%	33%	11%	6%	4%

No. of Available Vehicles	0	1	2	3	4+
	47%	43%	9%	1%	0%

Statistics
Persons per Household = 1.90
Employees per Household = 1.20
Drivers per Household = 1.14
Vehicles per Household = 0.66

TOTAL POPULATION: 122,000

	Male	Female	Total
Population:	62,200	59,800	122,000
Employment Status:			
Full Time	64%	49%	57%
Part Time	6%	10%	8%
Student	13%	14%	14%
Age: Average = 35.0			
00 - 05	4%	4%	4%
06 - 15	6%	6%	6%
16 - 64	84%	81%	82%
65 - 98	6%	9%	8%
Licensed Drivers:	70%	52%	61%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 1

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	55,500	75%	17%	1%	2%	5%
24 hours	242,900	29%	8%	4%	43%	16%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	55,500	33%	40%	25%	2%
24 hours	242,900	41%	36%	20%	3%
Average Trip Length (km)		9.3	5.3		

Daily Trips per Person (one-way) = 1.99
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 1

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	317,300	85%	10%	0%	0%	5%
24 hours	718,600	51%	8%	5%	15%	21%

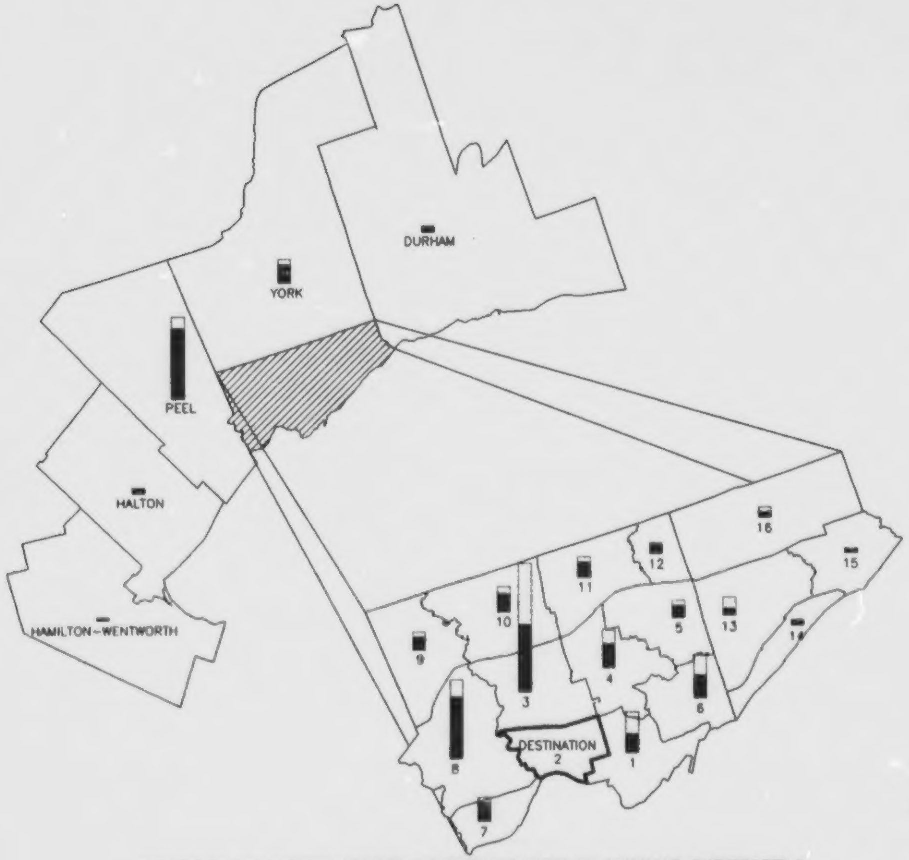
Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	317,300	36%	58%	5%	1%
24 hours	718,600	44%	47%	8%	1%
Average Trip Length (km)		12.4	10.4		

Percentage of trips made within district: 6 - 9 am = 11%
24 hours = 25%

TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 2

24 - HOUR WORK TRIPS


DURHAM
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HALTON
HAMILTON—WENTWORTH
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DESTINATION 2
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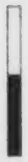
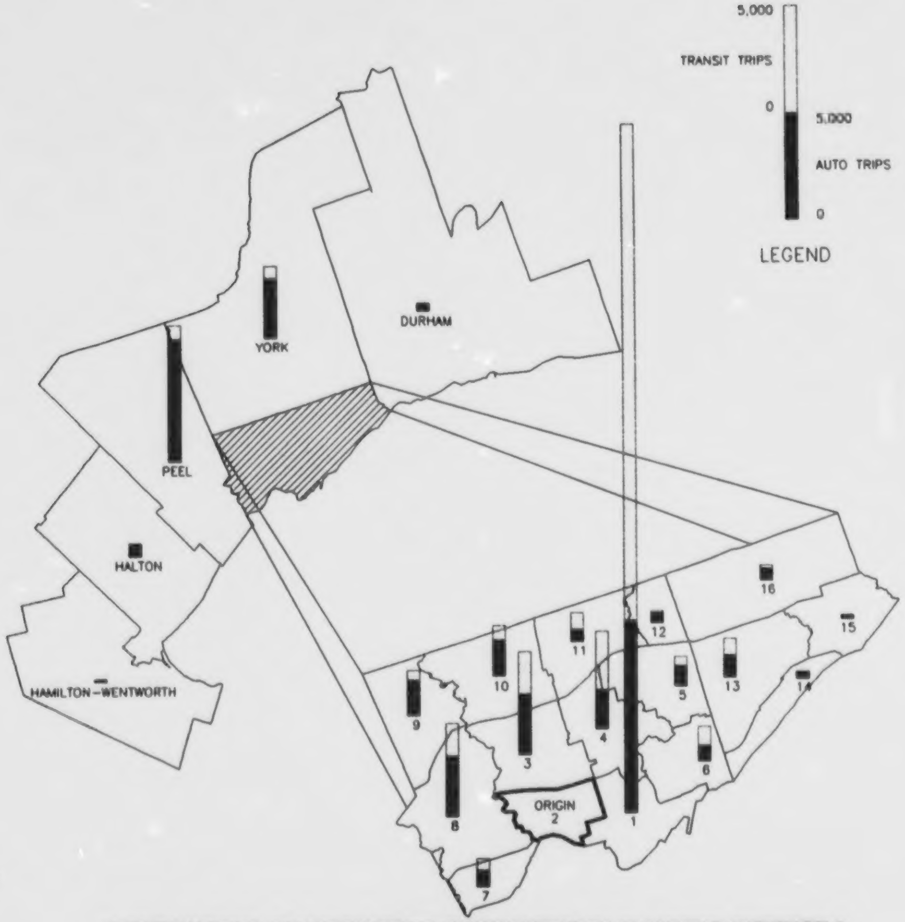
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 2



WORK TRIPS WITHIN THE PLANNING DISTRICT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TRANSIT TRIPS
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DURHAM
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HALTON
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 2

PLANNING DISTRICT 2

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

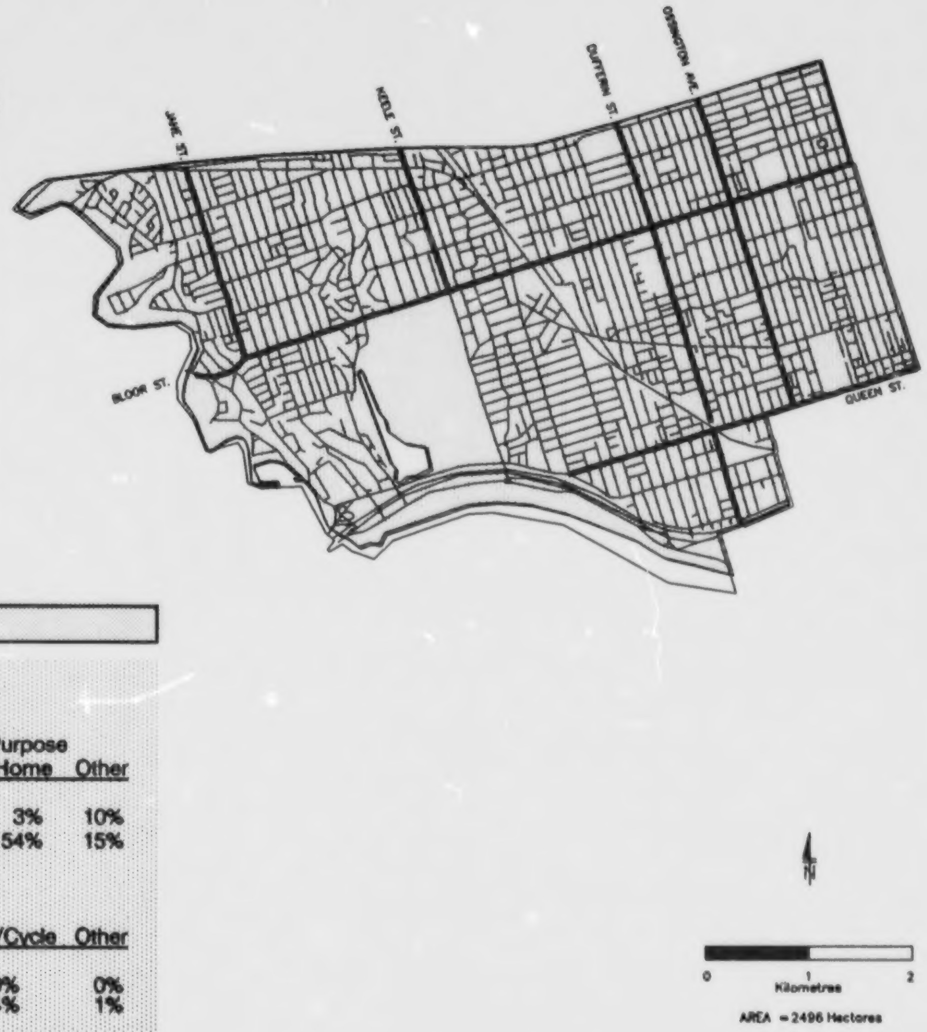
TOTAL NUMBER OF HOUSEHOLDS: 73,500

Dwelling Type	House	Apartment/Other			
	59%	41%			
Household Size (persons)	1	2	3	4	5+
	29%	30%	16%	14%	11%
No. of Available Vehicles	0	1	2	3	4+
	32%	48%	16%	3%	1%

Statistics
Persons per Household = 2.56
Employees per Household = 1.45
Drivers per Household = 1.34
Vehicles per Household = 0.94

TOTAL POPULATION: 188,000

	Male	Female	Total
Population:	94,400	93,600	188,000
Employment Status:			
Full Time	58%	43%	51%
Part Time	5%	9%	7%
Student	17%	15%	16%
Age: Average = 34.7			
00 - 05	6%	5%	6%
06 - 15	10%	9%	10%
16 - 64	75%	74%	74%
65 - 98	9%	12%	10%
Licensed Drivers:	65%	41%	53%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 2

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	85,700	72%	19%	0%	2%	7%
24 hours	342,200	27%	9%	4%	44%	16%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	85,700	43%	44%	12%	1%
24 hours	342,200	49%	37%	12%	2%
Average Trip Length (km)		10.0	6.0		

Daily Trips per Person (one-way) = 1.82
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 2

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	48,200	55%	31%	1%	3%	10%
24 hours	276,400	16%	10%	5%	54%	15%

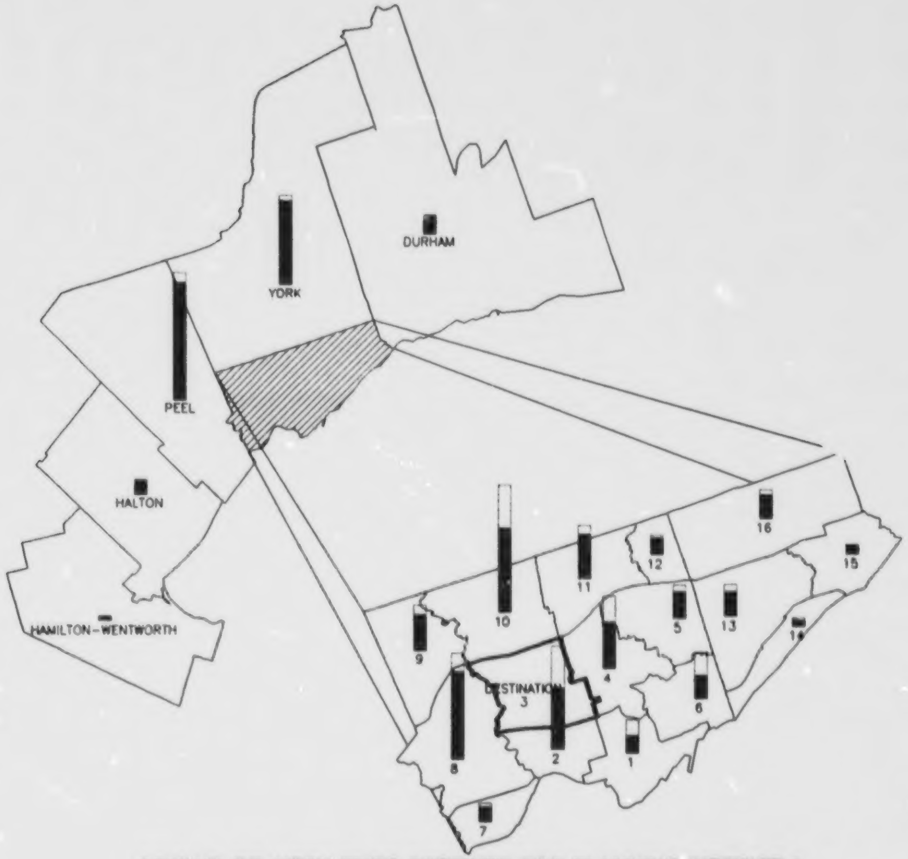
Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	48,200	49%	32%	19%	0%
24 hours	276,400	52%	33%	14%	1%
Average Trip Length (km)		9.2	6.0		

Percentage of trips made within district: 6 - 9 am = 38%
24 hours = 33%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 3
24 - HOUR WORK TRIPS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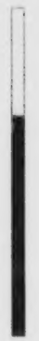
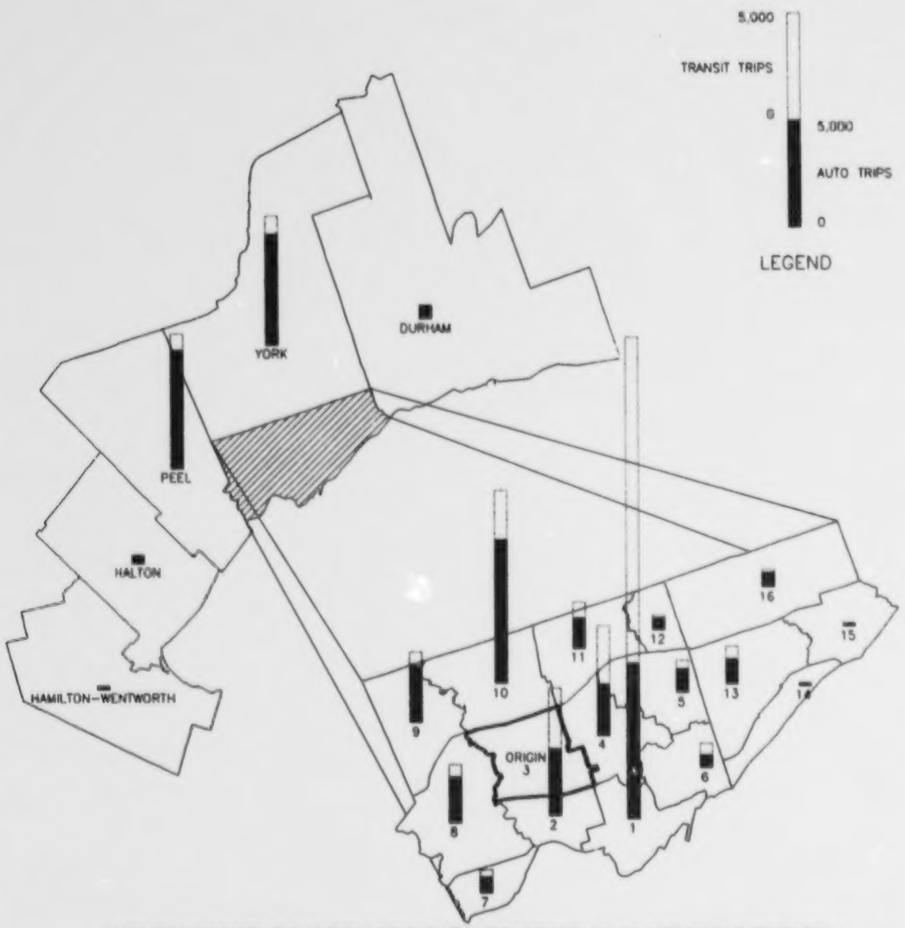
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 3



WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 3

PLANNING DISTRICT 3

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 81,000

Dwelling Type	House	Apartment/Other
	58%	42%

Household Size (persons)	1	2	3	4	5+
	23%	31%	18%	16%	12%

No. of Available Vehicles	0	1	2	3	4+
	24%	49%	22%	4%	1%

Statistics
Persons per Household = 2.69
Employees per Household = 1.46
Drivers per Household = 1.44
Vehicles per Household = 1.10

TOTAL POPULATION: 217,700

	Male	Female	Total
Population:	106,000	111,700	217,700
Employment Status:			
Full Time	57%	40%	48%
Part Time	5%	9%	7%
Student	18%	16%	17%
Age: Average = 34.9			
00 - 05	7%	6%	7%
06 - 15	11%	10%	11%
16 - 64	73%	72%	73%
65 - 98	9%	12%	9%
Licensed Drivers:	68%	42%	54%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 3

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	104,300	67%	22%	0%	2%	9%
24 hours	402,200	25%	10%	6%	44%	15%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	104,300	52%	38%	10%	0%
24 hours	402,200	58%	32%	9%	1%
Average Trip Length (km)		8.3	6.3		

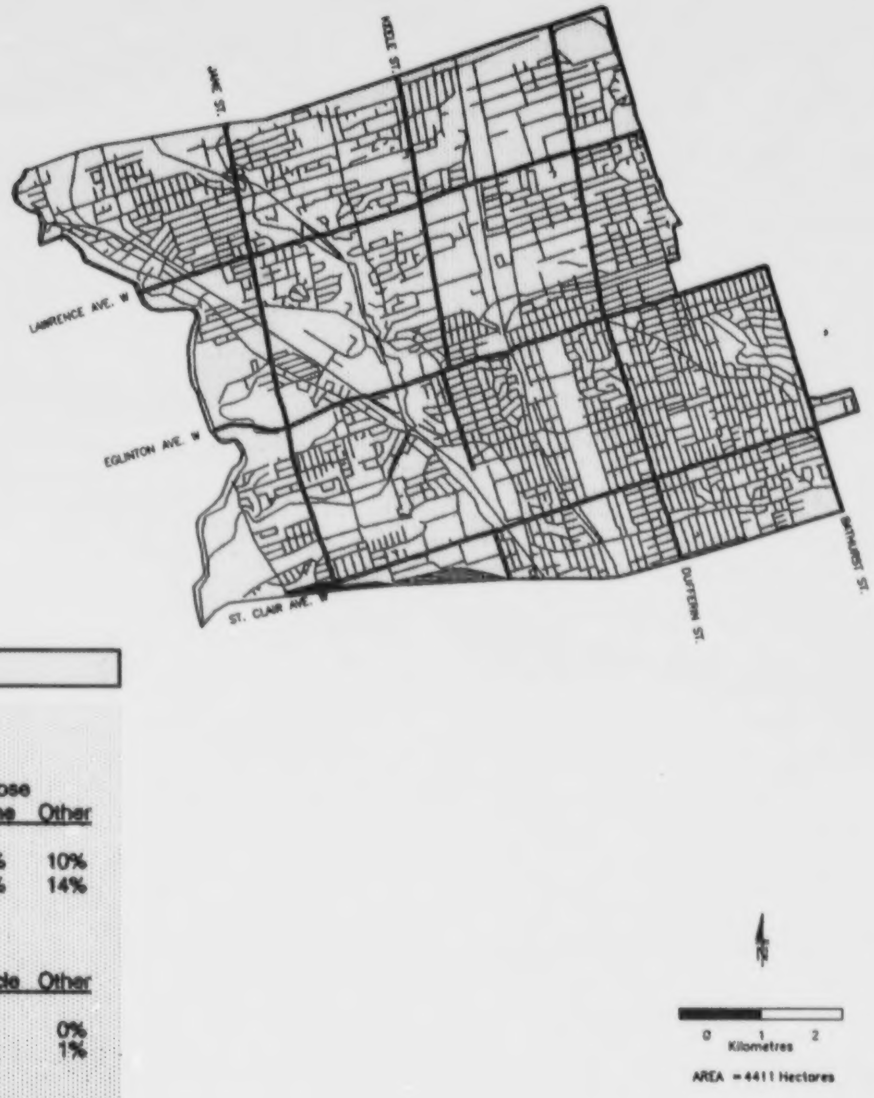
Daily Trips per Person (one-way) = 1.85
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 3

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	79,100	64%	23%	1%	2%	10%
24 hours	359,300	20%	9%	8%	49%	14%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	79,100	60%	27%	13%	0%
24 hours	359,300	62%	27%	10%	1%
Average Trip Length (km)		8.2	6.1		

Percentage of trips made within district: 6 - 9 am = 38%
24 hours = 36%

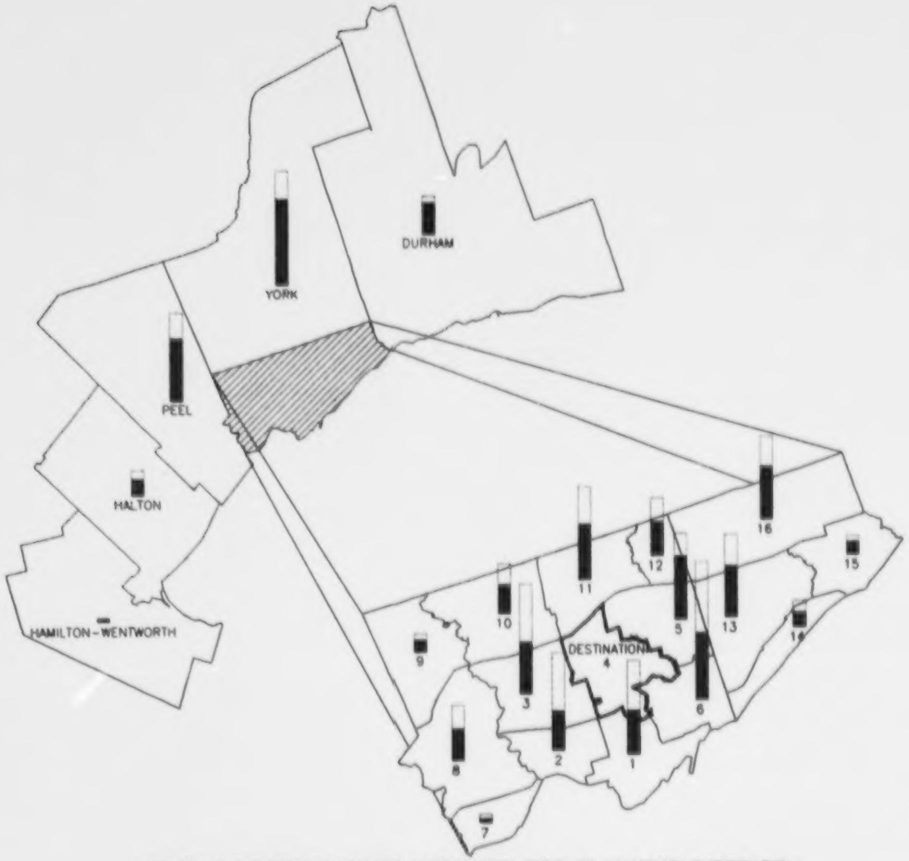


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 4

24 - HOUR WORK TRIPS


YORK
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DESTINATION 4
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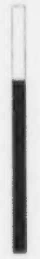
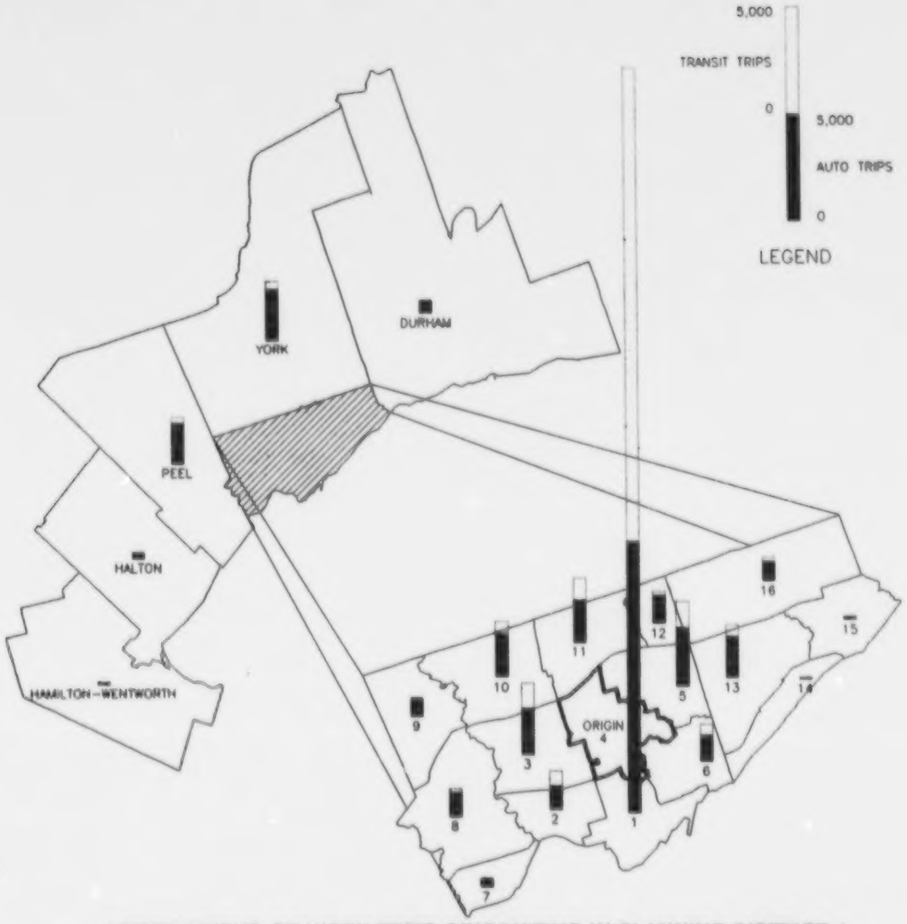
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 4



WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 4

PLANNING DISTRICT 4

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 87,300

Dwelling Type	House	Apartment/Other			
	46%	54%			
Household Size (persons)	1	2	3	4	5+
	39%	34%	12%	10%	5%
No. of Available Vehicles	0	1	2	3	4+
	25%	50%	21%	3%	1%

Statistics
Persons per Household = 2.10
Employees per Household = 1.18
Drivers per Household = 1.39
Vehicles per Household = 1.03

TOTAL POPULATION: 183,300

	Male	Female	Total
Population:	82,700	100,600	183,300
Employment Status:			
Full Time	59%	43%	50%
Part Time	5%	9%	7%
Student	15%	14%	15%
Age: Average = 38.6			
00 - 05	6%	5%	5%
06 - 15	9%	9%	9%
16 - 64	72%	70%	71%
65 - 98	13%	16%	15%
Licensed Drivers:	76%	61%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 4

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	90,000	71%	17%	0%	2%	10%
24 hours	397,700	24%	7%	6%	42%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	90,000	52%	37%	10%	1%
24 hours	397,700	63%	28%	8%	1%
Average Trip Length (km)		8.0	6.0		

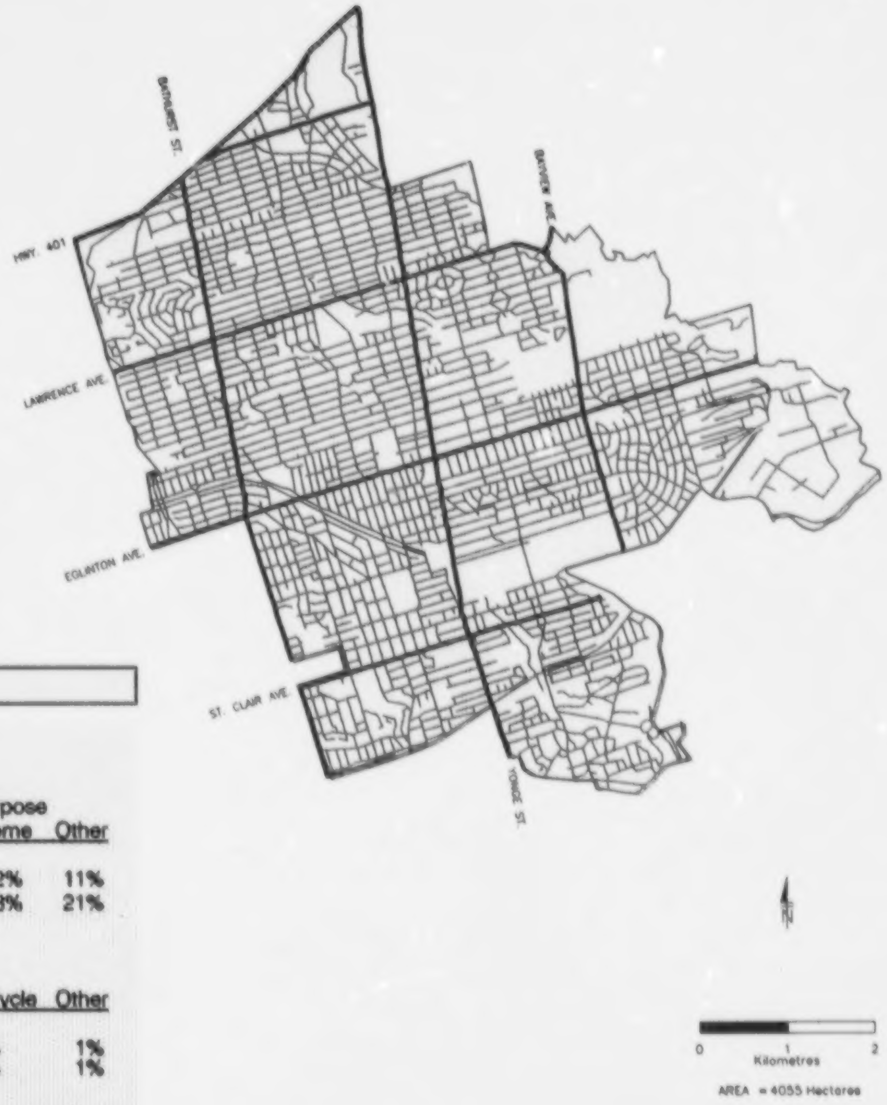
Daily Trips per Person (one-way) = 2.17
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 4

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	95,000	63%	24%	0%	2%	11%
24 hours	388,900	22%	9%	5%	43%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	95,000	53%	37%	9%	1%
24 hours	388,900	63%	28%	8%	1%
Average Trip Length (km)		7.9	6.9		

Percentage of trips made within district: 6 - 9 am = 27%
24 hours = 34%

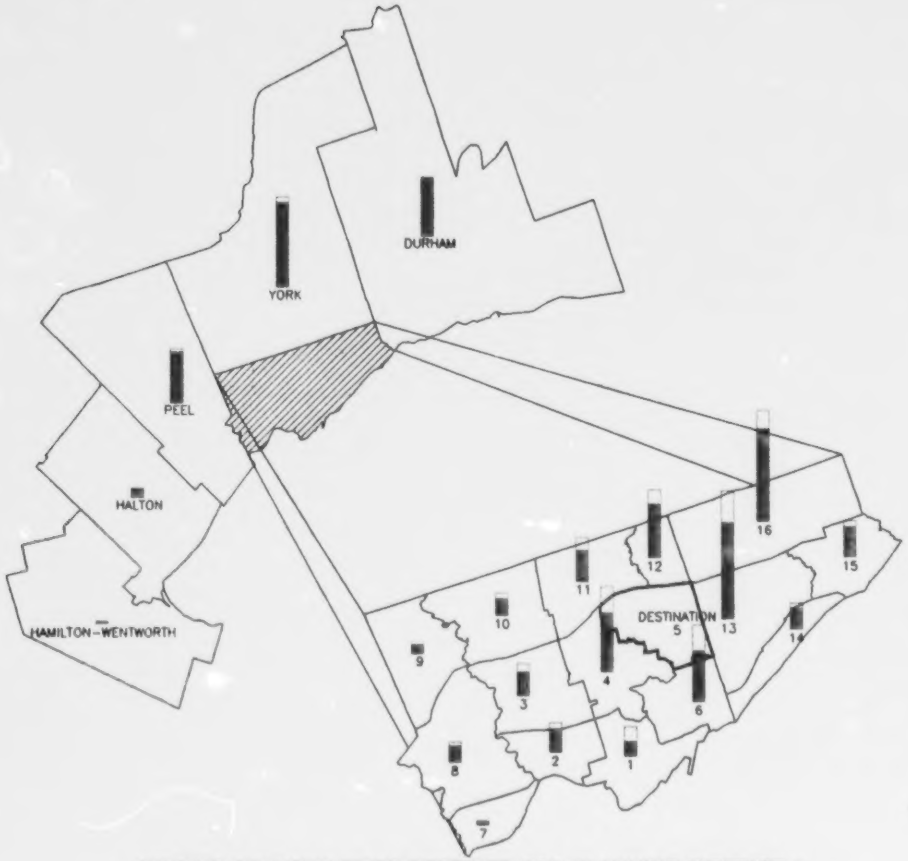


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 5

24 - HOUR WORK TRIPS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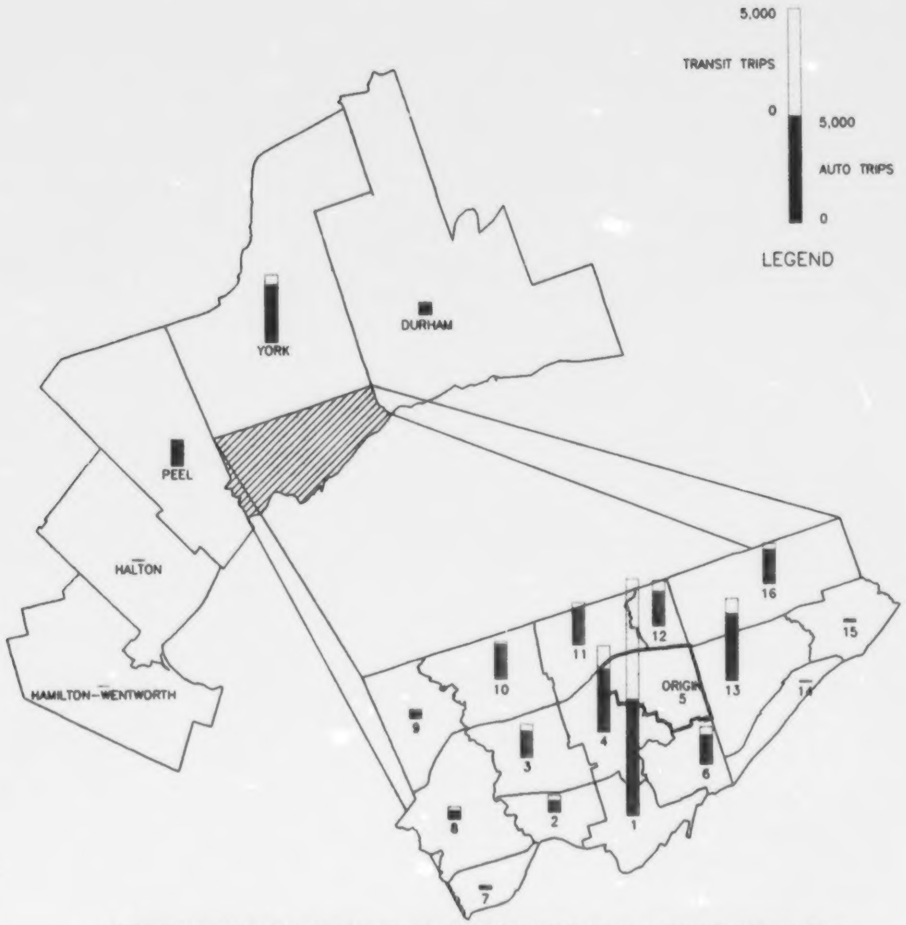
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 5

WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 5

PLANNING DISTRICT 5

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 40,800

Dwelling Type	House 44%	Apartment/Other 56%			
Household Size (persons)	1 21%	2 36%	3 19%	4 16%	5+ 8%
No. of Available Vehicles	0 12%	1 49%	2 30%	3 7%	4+ 2%

Statistics
Persons per Household = 2.57
Employees per Household = 1.41
Drivers per Household = 1.72
Vehicles per Household = 1.38

TOTAL POPULATION: 105,000

	Male	Female	Total
Population:	50,700	54,300	105,000
Employment Status:			
Full Time	57%	40%	48%
Part Time	5%	9%	7%
Student	19%	17%	18%
Age: Average = 36.7			
00 - 05	6%	5%	5%
06 - 15	12%	10%	11%
16 - 64	72%	74%	73%
65 - 98	10%	11%	11%
Licensed Drivers:	75%	61%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 5

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	53,500	65%	22%	0%	2%	11%
24 hours	233,200	22%	9%	7%	42%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	53,500	64%	27%	8%	1%
24 hours	233,200	73%	20%	7%	0%
Average Trip Length (km)		8.4	7.8		

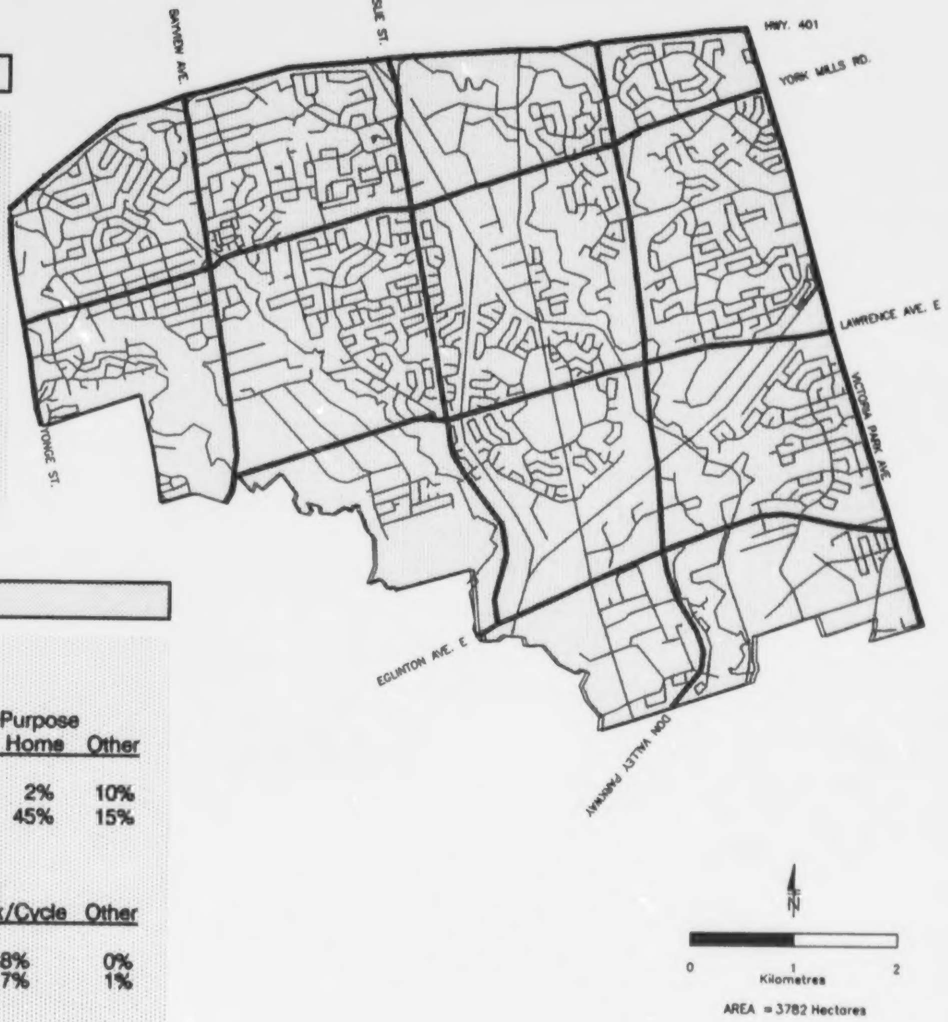
Daily Trips per Person (one-way) = 2.22
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 5

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	58,800	71%	17%	0%	2%	10%
24 hours	218,500	27%	8%	5%	45%	15%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	58,800	71%	21%	8%	0%
24 hours	218,500	74%	18%	7%	1%
Average Trip Length (km)		8.8	7.5		

Percentage of trips made within district: 6 - 9 am = 23%
24 hours = 29%

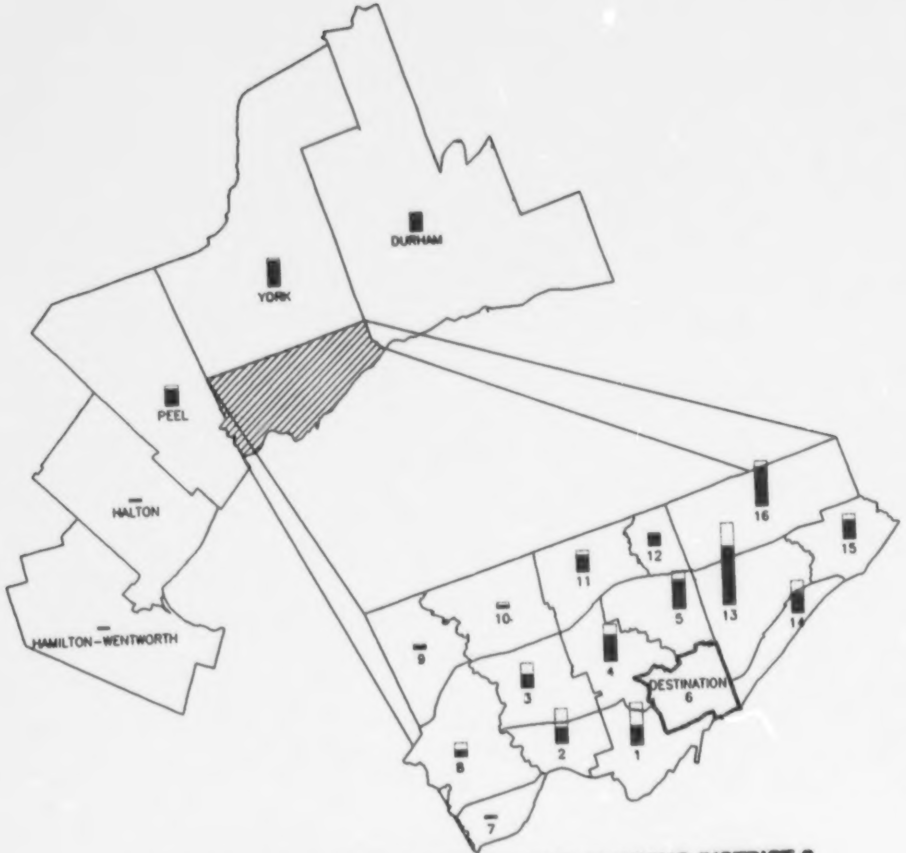


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 6

24 - HOUR WORK TRIPS


DURHAM
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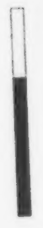
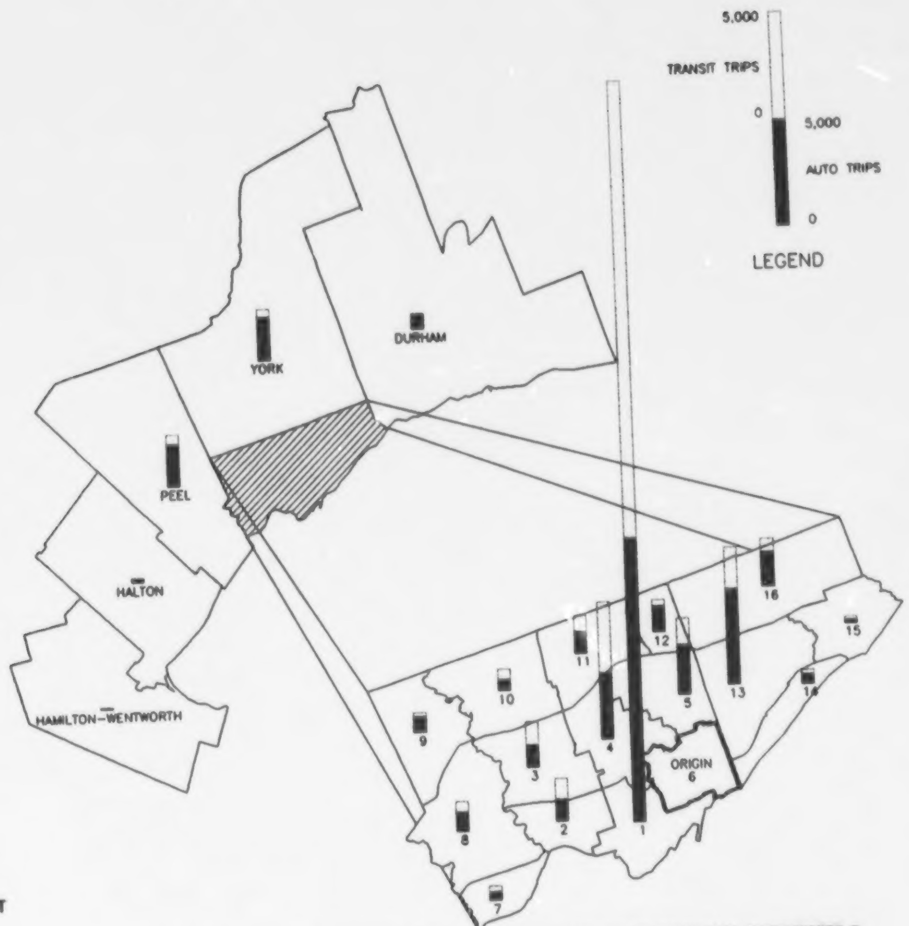
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 6



WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 6

PLANNING DISTRICT 6

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 79,800

Dwelling Type	House 66%	Apartment/Other 34%			
Household Size (persons)	1 25%	2 35%	3 17%	4 14%	5+ 8%
No. of Available Vehicles	0 27%	1 51%	2 18%	3 3%	4+ 1%

Statistics
Persons per Household = 2.50
Employees per Household = 1.39
Drivers per Household = 1.42
Vehicles per Household = 1.00

TOTAL POPULATION: 199,400

	Male	Female	Total
Population:	96,000	103,400	199,400
Employment Status:			
Full Time	58%	42%	50%
Part Time	5%	9%	7%
Student	17%	15%	16%
Age: Average = 35.9			
00 - 05	6%	6%	6%
06 - 15	10%	10%	10%
16 - 64	74%	72%	73%
65 - 98	10%	12%	11%
Licensed Drivers:	70%	47%	58%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 6

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	93,900	71%	18%	0%	2%	9%
24 hours	393,000	25%	8%	6%	43%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	93,900	50%	41%	9%	0%
24 hours	393,000	56%	34%	9%	1%
Average Trip Length (km)		8.6	6.5		

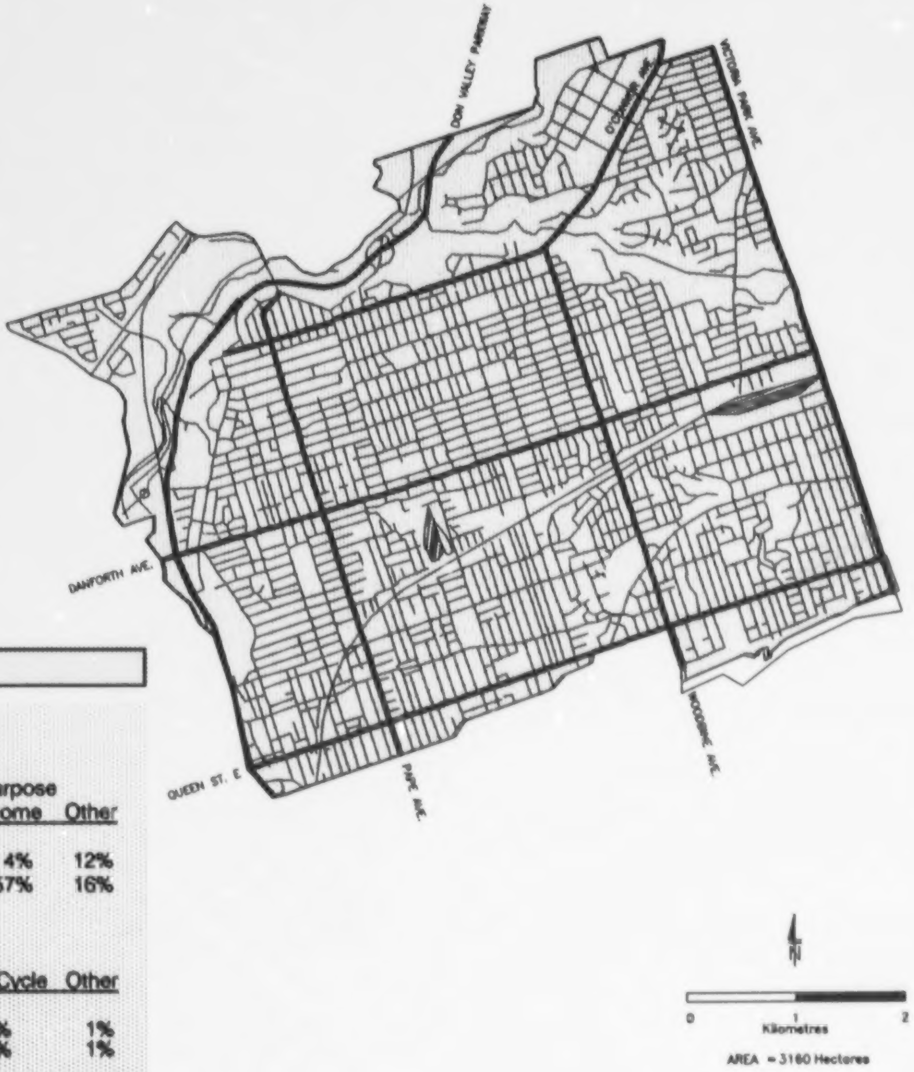
Daily Trips per Person (one-way) = 1.97
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 6

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	46,100	53%	31%	0%	4%	12%
24 hours	297,800	14%	9%	4%	57%	16%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	46,100	52%	30%	17%	1%
24 hours	297,800	58%	30%	11%	1%
Average Trip Length (km)		7.9	6.4		

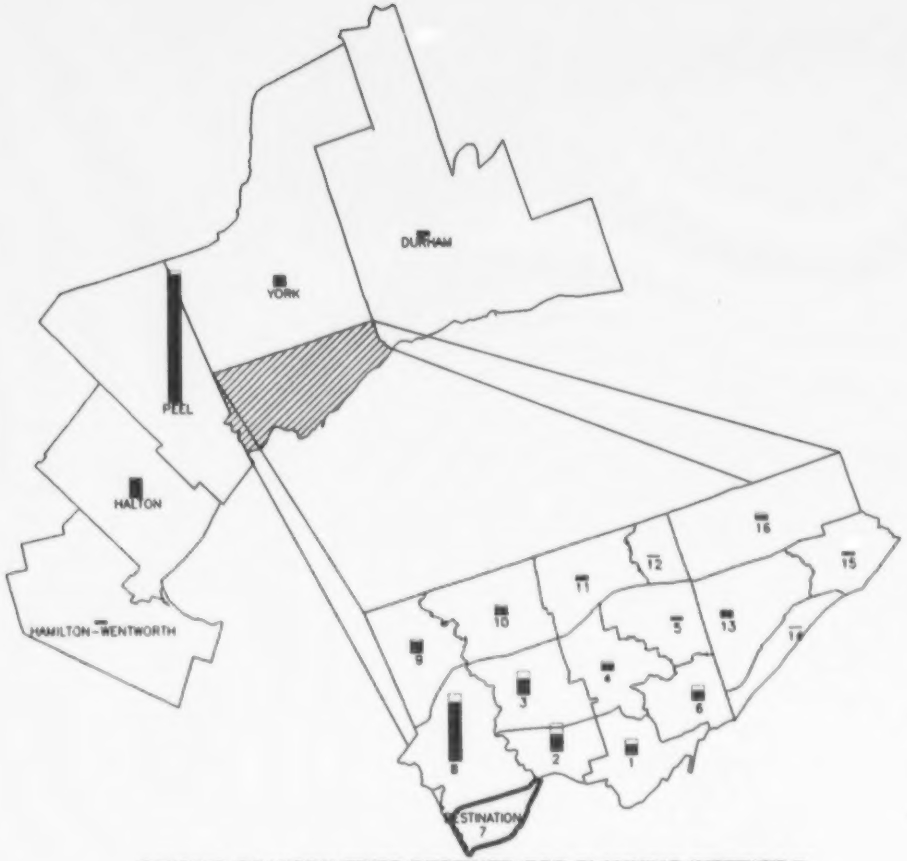
Percentage of trips made within district: 6 - 9 am = 49%
24 hours = 39%



THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 7
24 - HOUR WORK TRIPS


DURHAM
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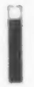
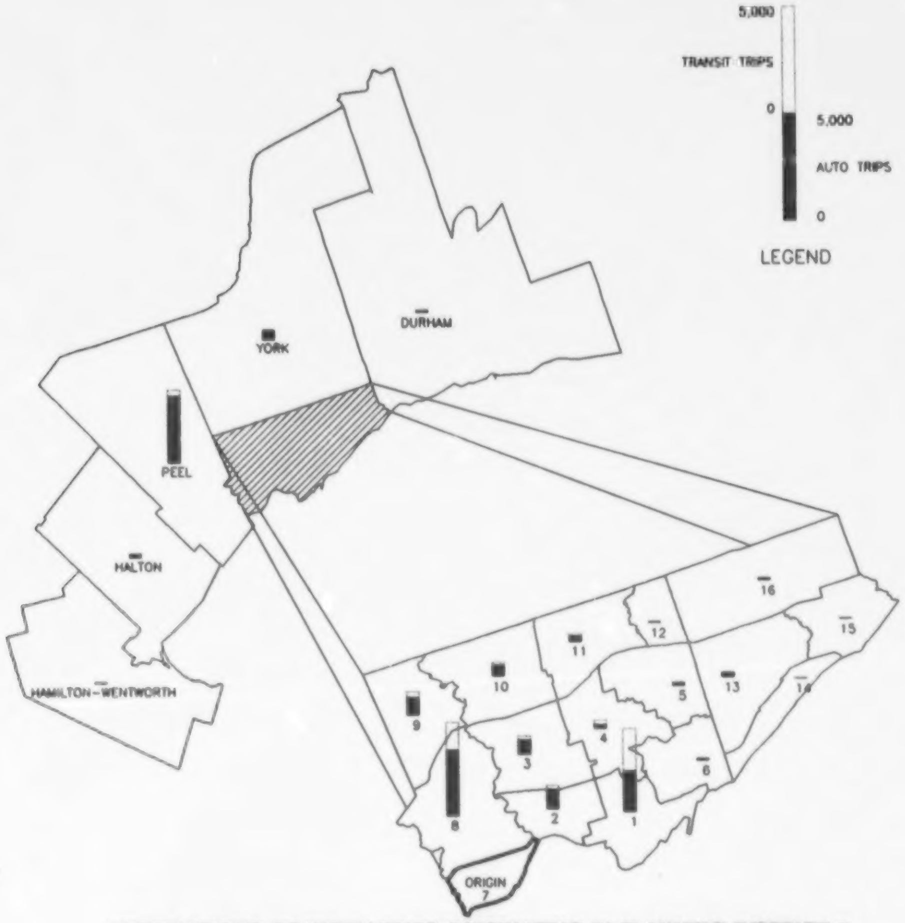
DESTINATION 7

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 7



WORK TRIPS WITHIN THE PLANNING DISTRICT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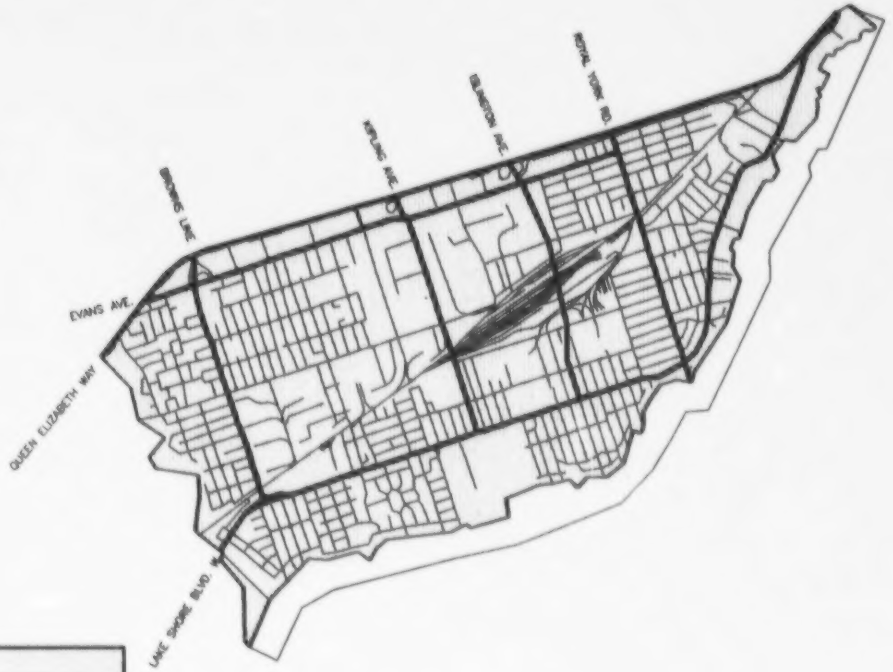
ORIGIN 7

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 7

PLANNING DISTRICT 7

METROPOLITAN TORONTO



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 20,600

Dwelling Type	House 61%	Apartment/Other 39%			
Household Size (persons)	1 23%	2 37%	3 18%	4 13%	5+ 9%
No. of Available Vehicles	0 19%	1 50%	2 25%	3 4%	4+ 2%

Statistics
Persons per Household = 2.50
Employees per Household = 1.40
Drivers per Household = 1.51
Vehicles per Household = 1.23

TOTAL POPULATION: 51,600

	Male	Female	Total
Population:	26,000	25,600	51,600
Employment Status:			
Full Time	60%	42%	51%
Part Time	4%	8%	6%
Student	17%	14%	16%
Age: Average = 36.5			
00 - 05	5%	6%	5%
06 - 15	12%	10%	11%
16 - 64	74%	69%	72%
65 - 98	9%	15%	12%
Licensed Drivers:	71%	52%	62%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 7

Time Period	Total Trips	Destination Trip Purpose: Work	School	Shop	Home	Other
6 - 9 am	25,600	70%	18%	1%	2%	9%
24 hours	105,100	24%	8%	7%	43%	18%

Time Period	Total Trips	Travel Mode: Automobile	Transit	Walk/Cycle	Other
6 - 9 am	25,600	66%	23%	10%	1%
24 hours	105,100	71%	20%	9%	0%
Average Trip Length (km)		9.8	8.1		

Daily Trips per Person (one-way) = 2.04
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 7

Time Period	Total Trips	Destination Trip Purpose: Work	School	Shop	Home	Other
6 - 9 am	24,000	74%	13%	0%	2%	11%
24 hours	93,400	27%	7%	2%	49%	15%

Time Period	Total Trips	Travel Mode: Automobile	Transit	Walk/Cycle	Other
6 - 9 am	24,000	76%	14%	9%	1%
24 hours	93,400	73%	17%	9%	1%
Average Trip Length (km)		9.9	8.0		

Percentage of trips made within district: 6 - 9 am = 33%
24 hours = 33%

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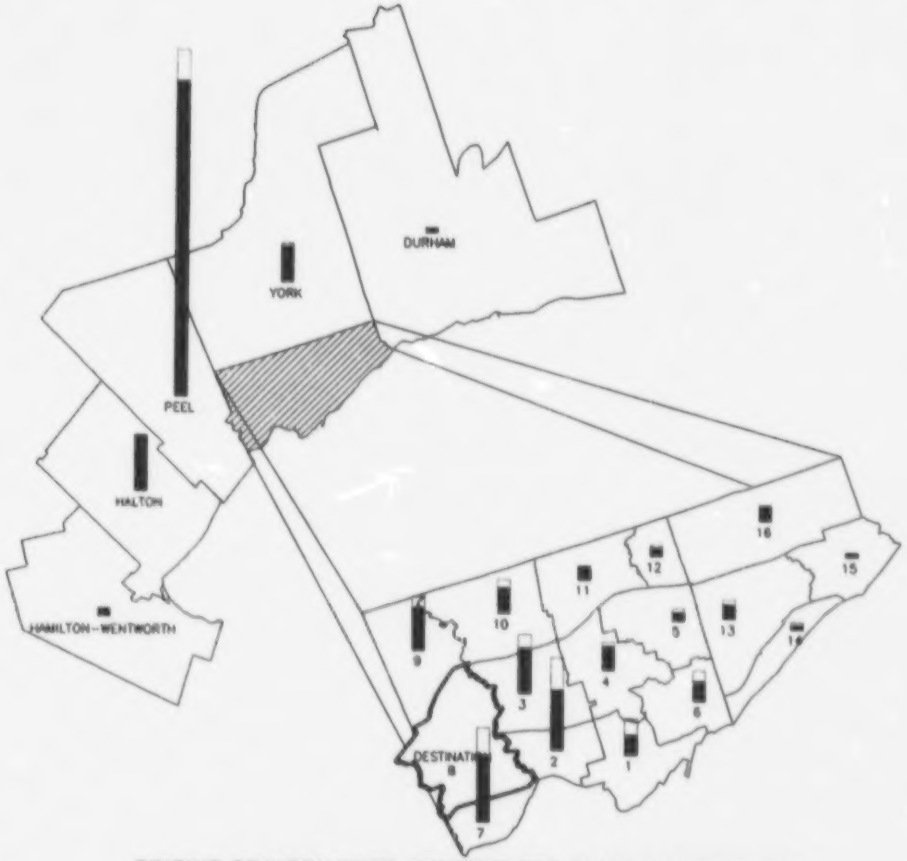
Kilometres

AREA = 1923 Hectares

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 8
24 - HOUR WORK TRIPS


YORK
DURHAM
PEEL
HALTON
HAMILTON - WENTWORTH
DESTINATION
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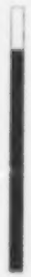
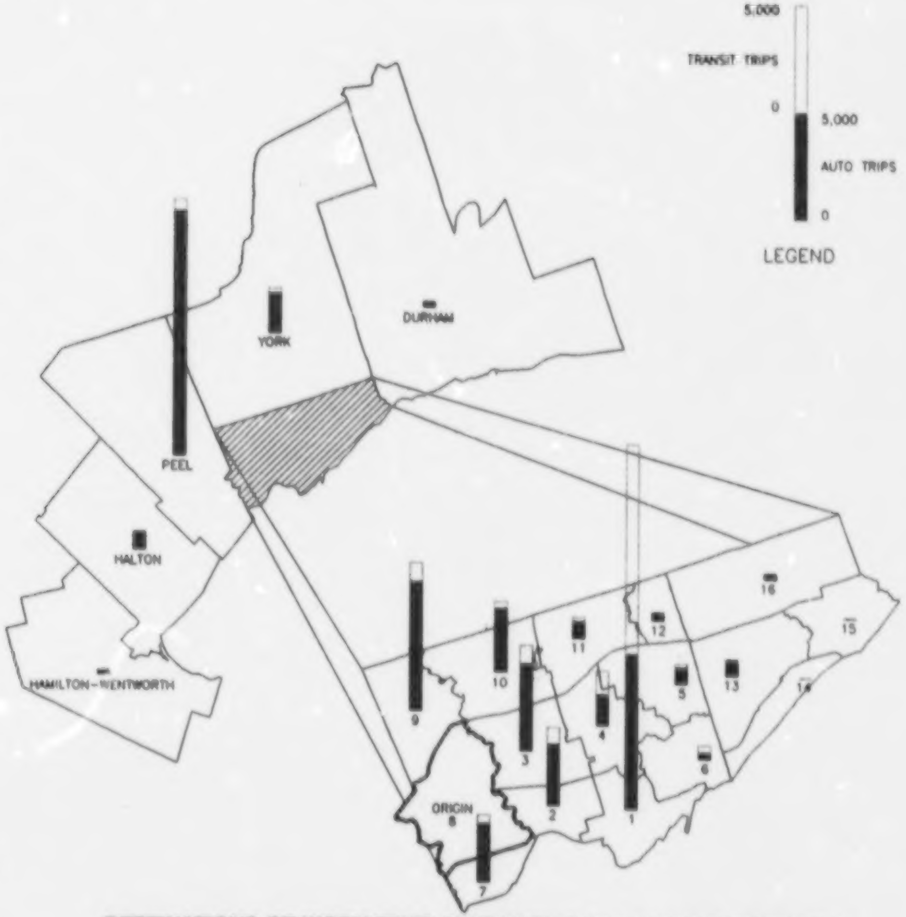
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 8



WORK TRIPS WITHIN THE PLANNING DISTRICT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TRANSIT TRIPS
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AUTO TRIPS
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DURHAM
PEEL
HALTON
HAMILTON - WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 8

PLANNING DISTRICT 8

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 68,000

Dwelling Type	House	Apartment/Other
	60%	40%

Household Size (persons)	1	2	3	4	5+
	17%	39%	20%	17%	7%

No. of Available Vehicles	0	1	2	3	4+
	10%	46%	33%	8%	3%

Statistics

Persons per Household = 2.62
Employees per Household = 1.43
Drivers per Household = 1.81
Vehicles per Household = 1.49

TOTAL POPULATION: 178,300

	Male	Female	Total
Population:	86,200	92,100	178,300
Employment Status:			
Full Time	58%	38%	48%
Part Time	5%	11%	8%
Student	16%	14%	15%
Age: Average = 39.7			
00 - 05	5%	5%	5%
06 - 15	10%	8%	9%
16 - 64	72%	72%	72%
65 - 98	13%	15%	14%
Licensed Drivers:	79%	62%	70%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 8

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	86,300	69%	19%	0%	2%	10%
24 hours	393,300	22%	7%	9%	43%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	86,300	67%	26%	7%	0%
24 hours	393,300	76%	19%	5%	0%
Trip Length (km)		8.9	9.4		

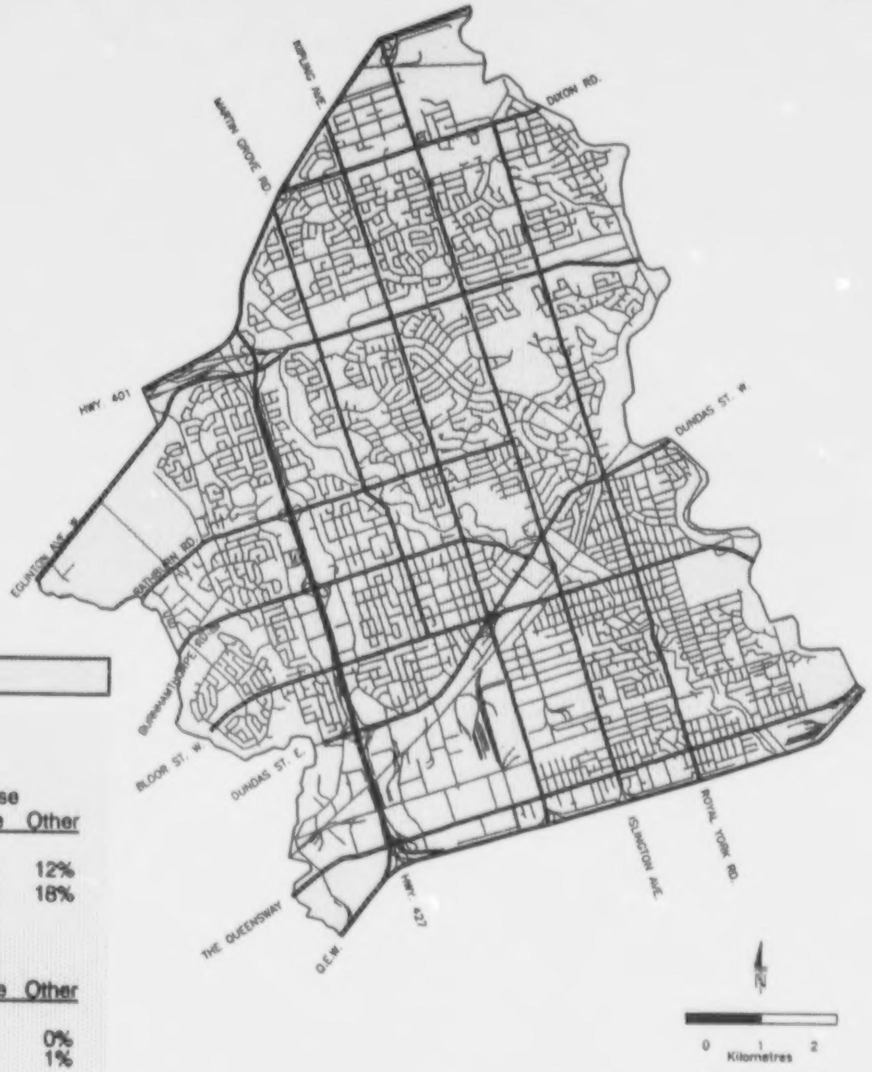
Daily Trips per Person (one-way) = 2.21
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 8

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	72,400	63%	21%	1%	3%	12%
24 hours	365,200	19%	7%	10%	46%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	72,400	72%	20%	8%	0%
24 hours	365,200	78%	16%	5%	1%
Trip Length (km)		8.5	8.5		

Percentage of trips made within district: 6 - 9 am = 36%
24 hours = 42%


KIPLING AVE.
MARTIN GROVE RD.
DIXON RD.
HWY. 401
DUNDAS ST. W.
EGLINTON AVE. W.
RATHBURN RD.
BURNHAMTHORPE RD.
BLOOR ST. W.
DUNDAS ST. E.
THE QUEENSWAY
Q.E.W.
HWY. 427
ISLINGTON AVE.
ROYAL YORK RD.
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Kilometres

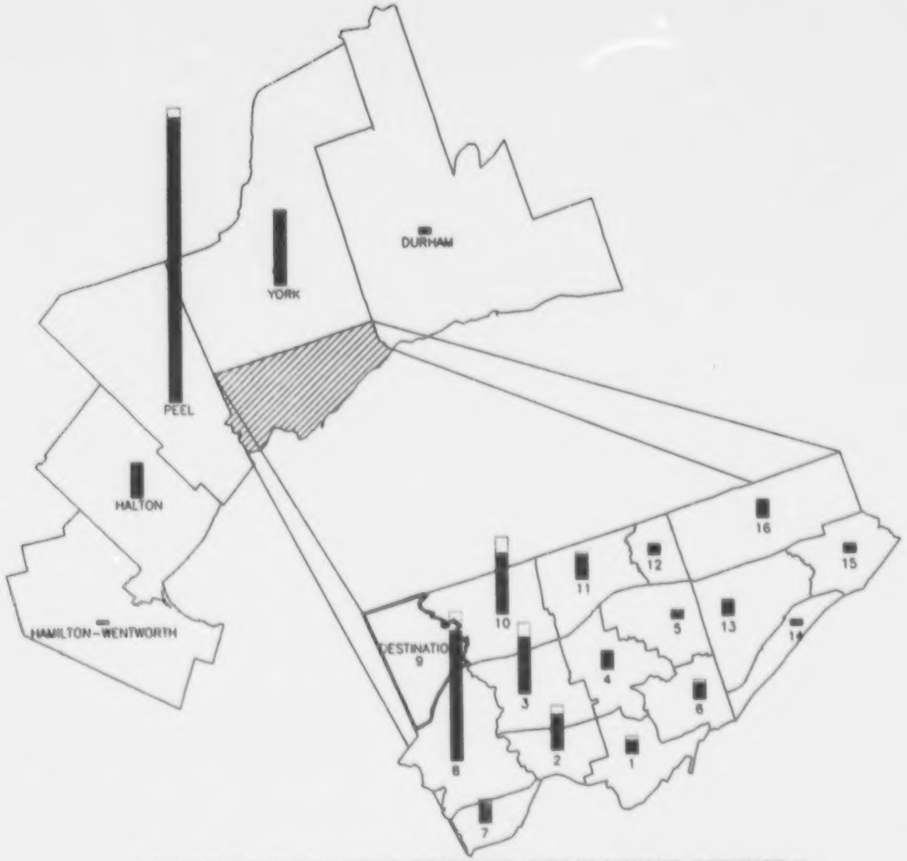
AREA = 6438 Hectares

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 9

24 - HOUR WORK TRIPS


DURHAM
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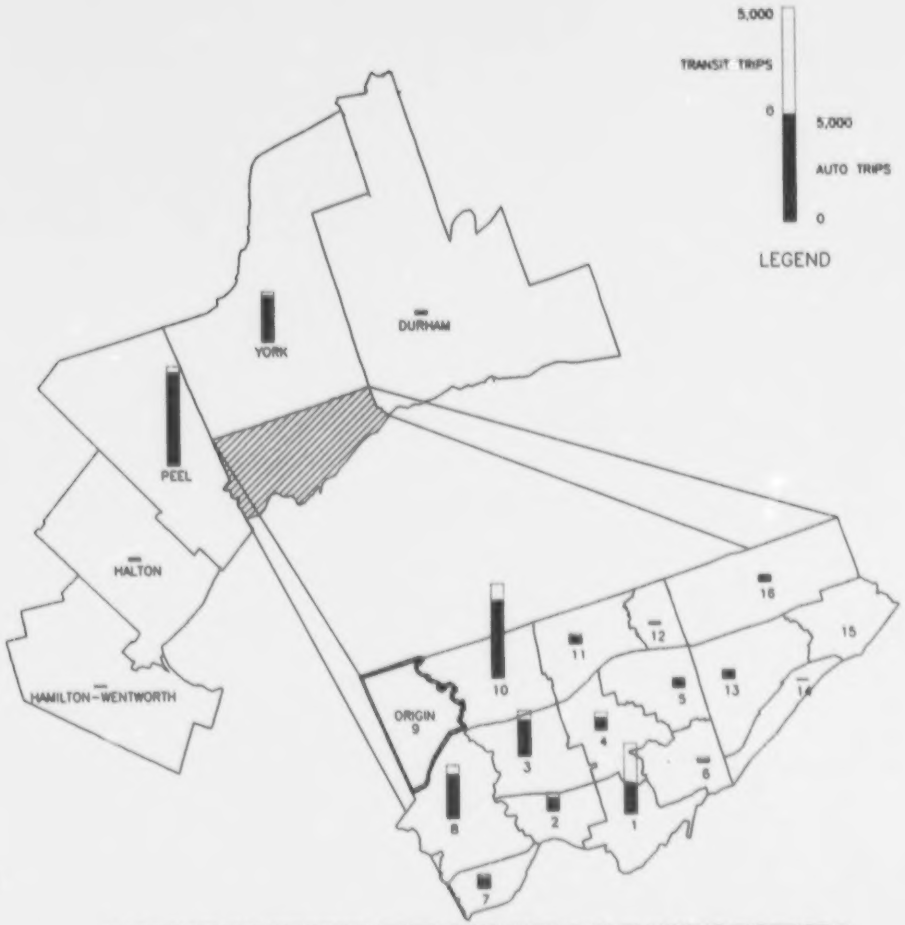
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 9

WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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HALTON
HAMILTON–WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 9

PLANNING DISTRICT 9

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 23,200

Dwelling Type	House	Apartment/Other			
	66%	34%			
Household Size (persons)	1	2	3	4	5+
	8%	28%	22%	25%	17%
No. of Available Vehicles	0	1	2	3	4+
	9%	40%	38%	10%	3%

Statistics
Persons per Household = 3.22
Employees per Household = 1.78
Drivers per Household = 1.91
Vehicles per Household = 1.60

TOTAL POPULATION: 74,700

	Male	Female	Total
Population:	38,500	36,200	74,700
Employment Status:			
Full Time	58%	38%	48%
Part Time	5%	11%	8%
Student	20%	19%	20%
Age: Average = 32.4			
00 - 05	8%	7%	8%
06 - 15	13%	14%	13%
16 - 64	74%	73%	73%
65 - 98	5%	6%	6%
Licensed Drivers:	71%	49%	60%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 9

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	39,100	63%	24%	0%	3%	10%
24 hours	155,900	23%	10%	7%	44%	16%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	39,100	65%	24%	11%	0%
24 hours	155,900	71%	19%	10%	0%
Average Trip Length (km)		9.2	8.9		

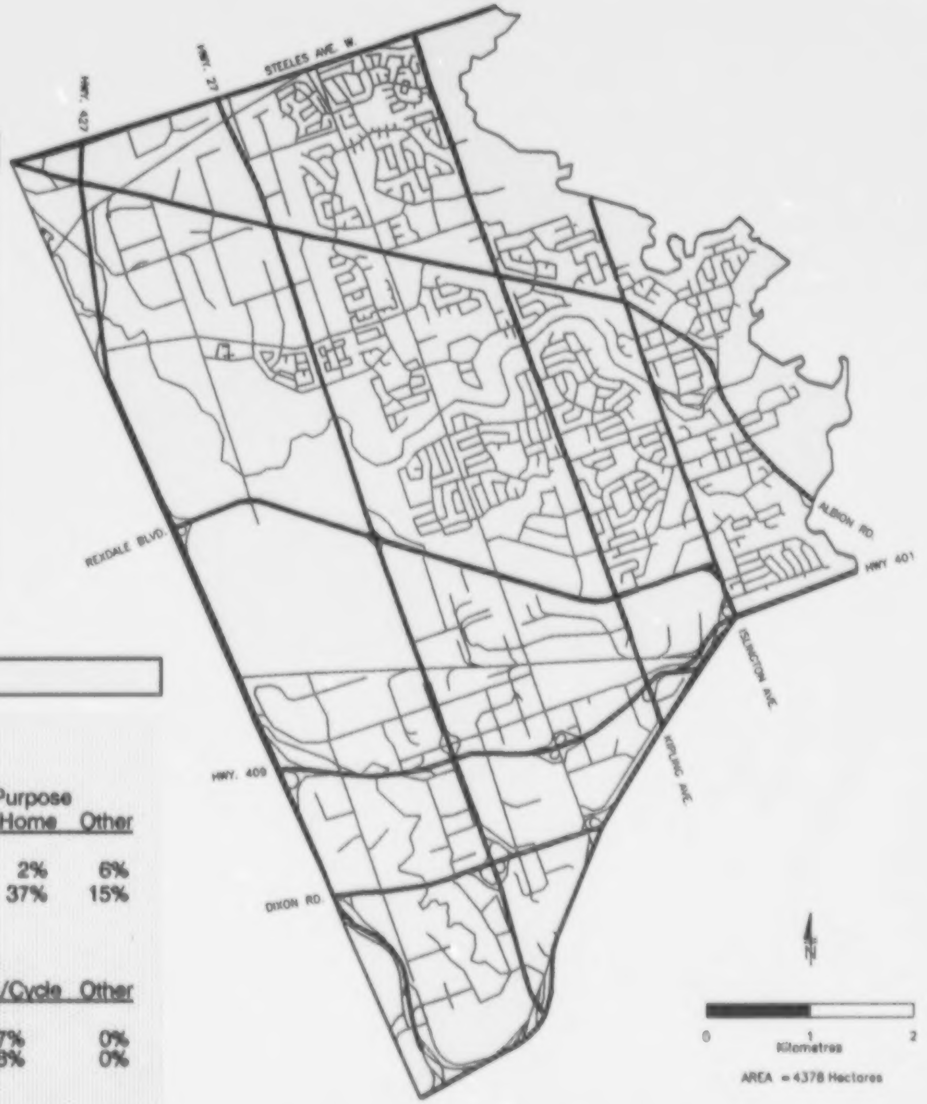
Daily Trips per Person (one-way) = 2.09
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 9

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	57,500	72%	19%	1%	2%	6%
24 hours	186,600	31%	10%	7%	37%	15%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	57,500	78%	15%	7%	0%
24 hours	186,600	77%	15%	8%	0%
Average Trip Length (km)		10.2	8.2		

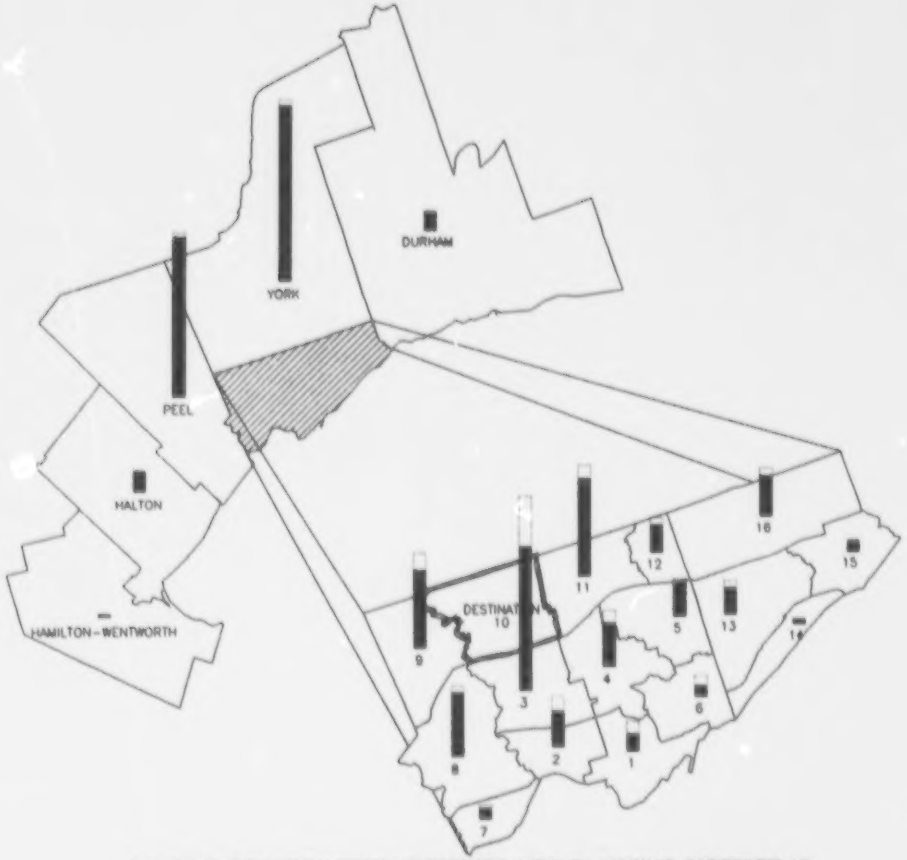
Percentage of trips made within district: 6 - 9 am = 26%
24 hours = 38%



AREA = 4378 Hectares

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 10
24 - HOUR WORK TRIPS


YORK
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
DESTINATION
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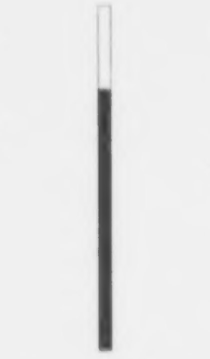
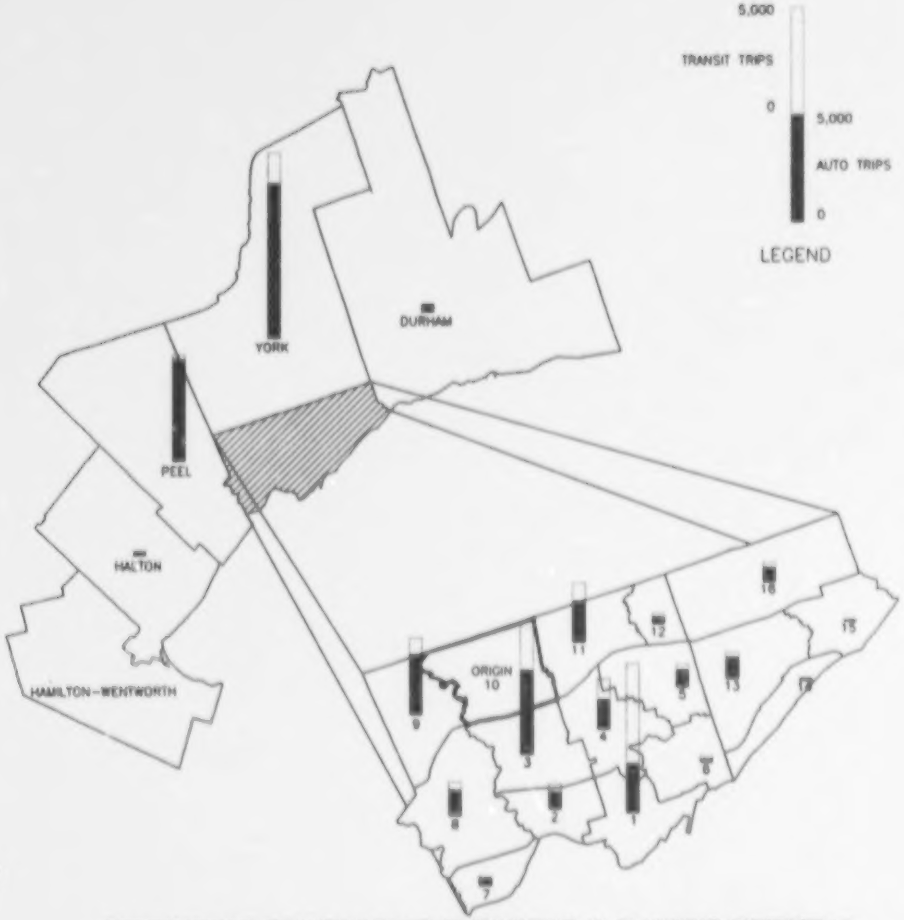
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 10



WORK TRIPS WITHIN THE PLANNING DISTRICT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TRANSIT TRIPS
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HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 10

PLANNING DISTRICT 10

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 47,300

Dwelling Type	House	Apartment/Other
	52%	48%

Household Size (persons)	1	2	3	4	5+
	14%	27%	21%	23%	15%

No. of Available Vehicles	0	1	2	3	4+
	17%	47%	26%	8%	2%

Statistics
Persons per Household = 3.02
Employees per Household = 1.65
Drivers per Household = 1.71
Vehicles per Household = 1.33

TOTAL POPULATION: 142,600

	Male	Female	Total
Population:	71,400	71,200	142,600
Employment Status:			
Full Time	56%	40%	49%
Part Time	5%	9%	7%
Student	21%	17%	19%
Age: Average = 32.7			
00 - 05	6%	7%	6%
06 - 15	13%	11%	12%
16 - 64	75%	76%	76%
65 - 98	6%	6%	6%
Licensed Drivers:	69%	46%	58%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 10

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	72,300	67%	24%	0%	2%	7%
24 hours	270,500	25%	11%	6%	44%	14%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	72,300	59%	31%	10%	0%
24 hours	270,500	65%	25%	10%	0%
Average Trip Length (km)		8.7	7.7		

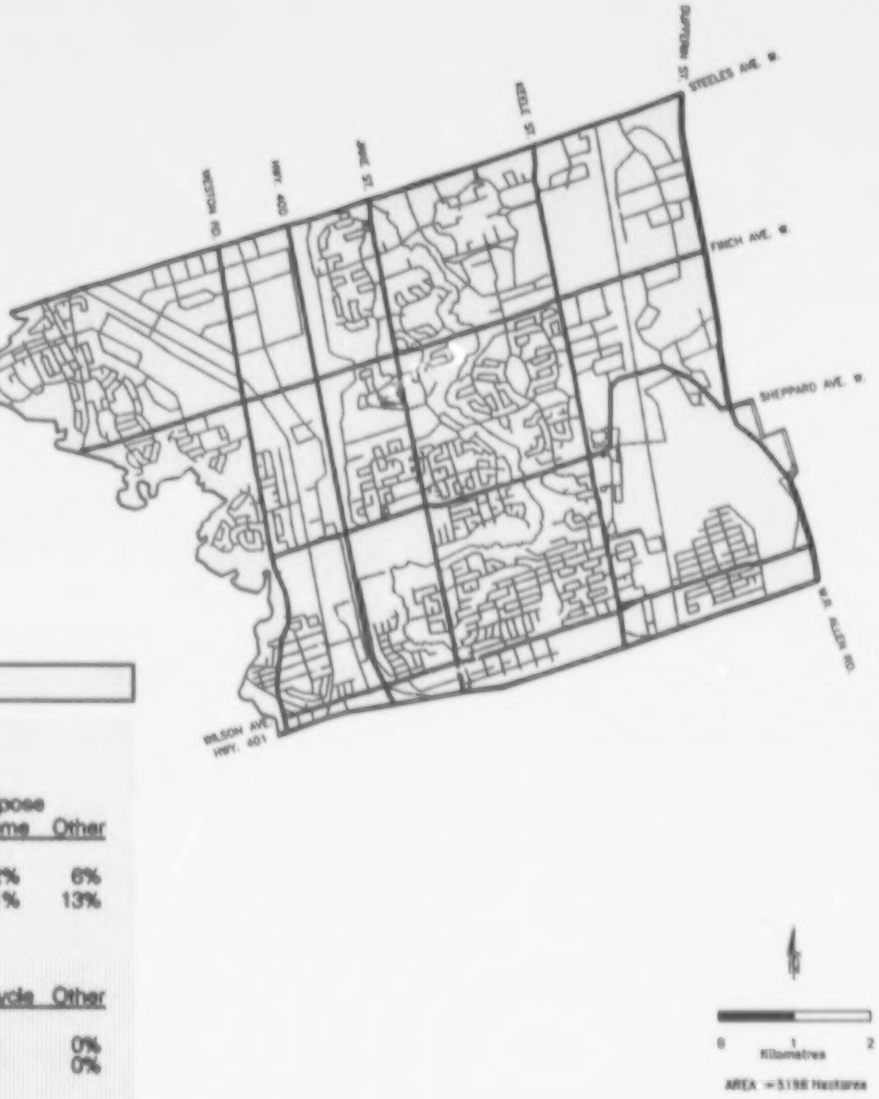
Daily Trips per Person (one-way) = 1.90
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 10

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	85,300	70%	22%	0%	2%	6%
24 hours	297,600	28%	13%	5%	41%	13%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	85,300	70%	22%	8%	0%
24 hours	297,600	69%	22%	9%	0%
Average Trip Length (km)		9.5	7.4		

Percentage of trips made within district: 6 - 9 am = 32%
24 hours = 40%

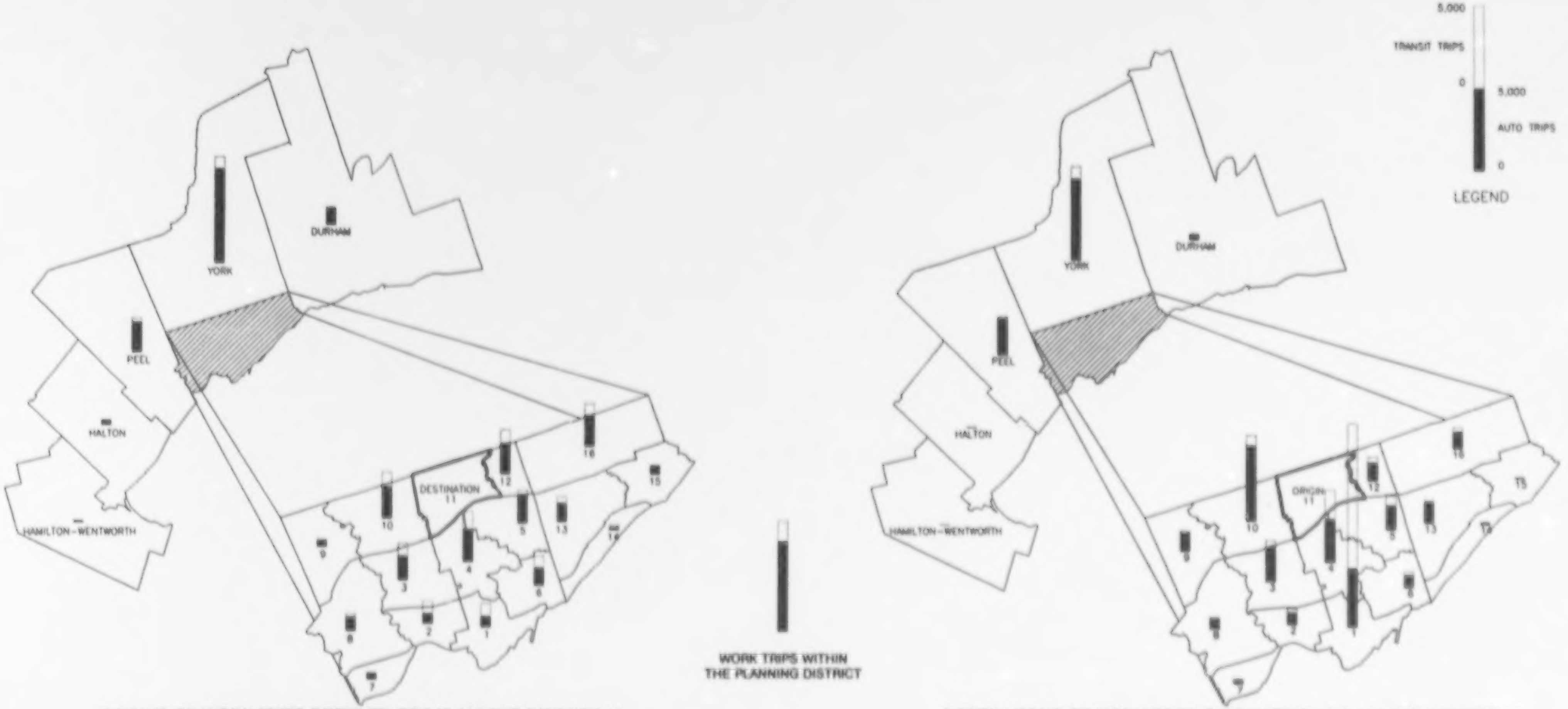


TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 11

24 - HOUR WORK TRIPS


5,000
TRANSIT TRIPS
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LEGEND
YORK
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PEEL
HALTON
HAMILTON—WENTWORTH
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WORK TRIPS WITHIN
THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 11

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 11

PLANNING DISTRICT 11

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 48,000

Dwelling Type	House	Apartment/Other			
	59%	41%			

Household Size (persons)	1	2	3	4	5+
	21%	36%	19%	16%	8%

No. of Available Vehicles	0	1	2	3	4+
	15%	46%	31%	6%	2%

Statistics
Persons per Household = 2.56
Employees per Household = 1.34
Drivers per Household = 1.72
Vehicles per Household = 1.36

TOTAL POPULATION: 123,000

	Male	Female	Total
Population:	59,400	63,600	123,000
Employment Status:			
Full Time	54%	36%	45%
Part Time	6%	11%	8%
Student	18%	16%	17%
Age: Average = 39.1			
00 - 05	5%	4%	5%
06 - 15	11%	9%	10%
16 - 64	69%	71%	70%
65 - 98	15%	16%	15%
Licensed Drivers:	77%	61%	69%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 11

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	59,700	66%	20%	0%	3%	11%
24 hours	267,400	22%	8%	8%	43%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	59,700	62%	32%	6%	0%
24 hours	267,400	72%	23%	5%	0%
Average Trip Length (km)		8.1	9.1		

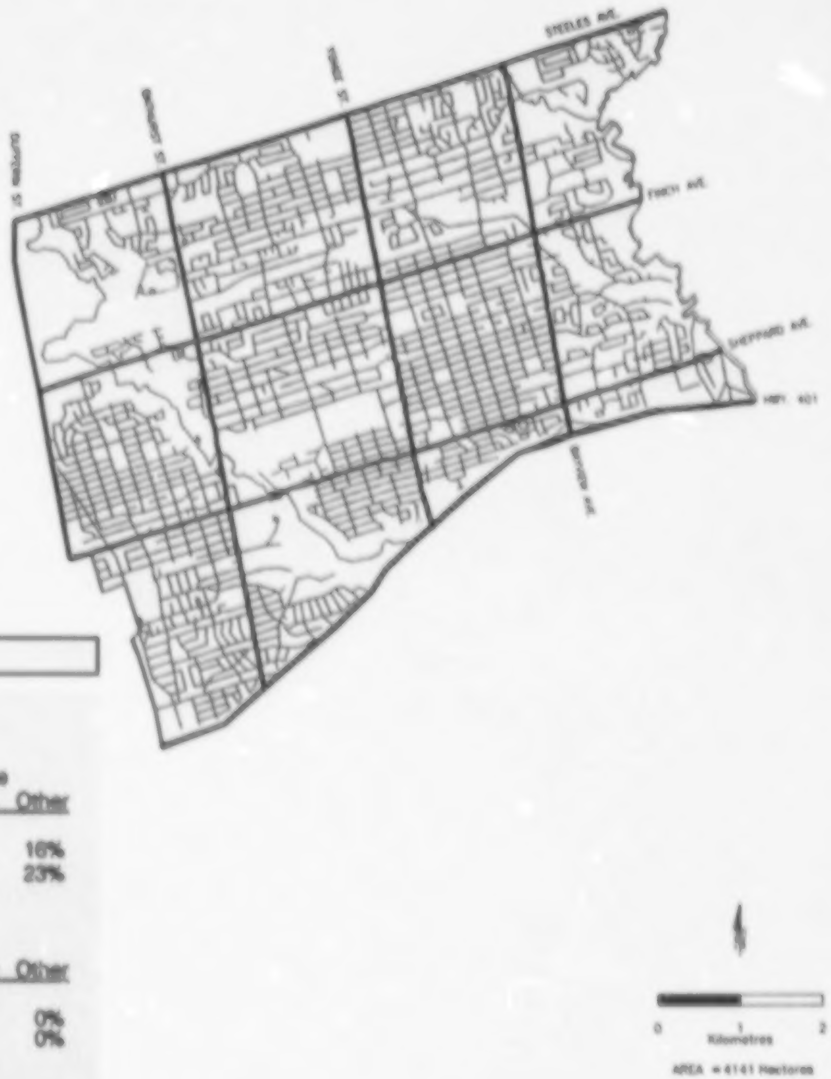
Daily Trips per Person (one-way) = 2.17
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 11

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	56,600	57%	24%	0%	3%	16%
24 hours	263,600	18%	8%	7%	44%	23%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	56,600	69%	24%	7%	0%
24 hours	263,600	75%	20%	5%	0%
Average Trip Length (km)		7.8	8.7		

Percentage of trips made within district: 6 - 9 am = 30%
24 hours = 34%

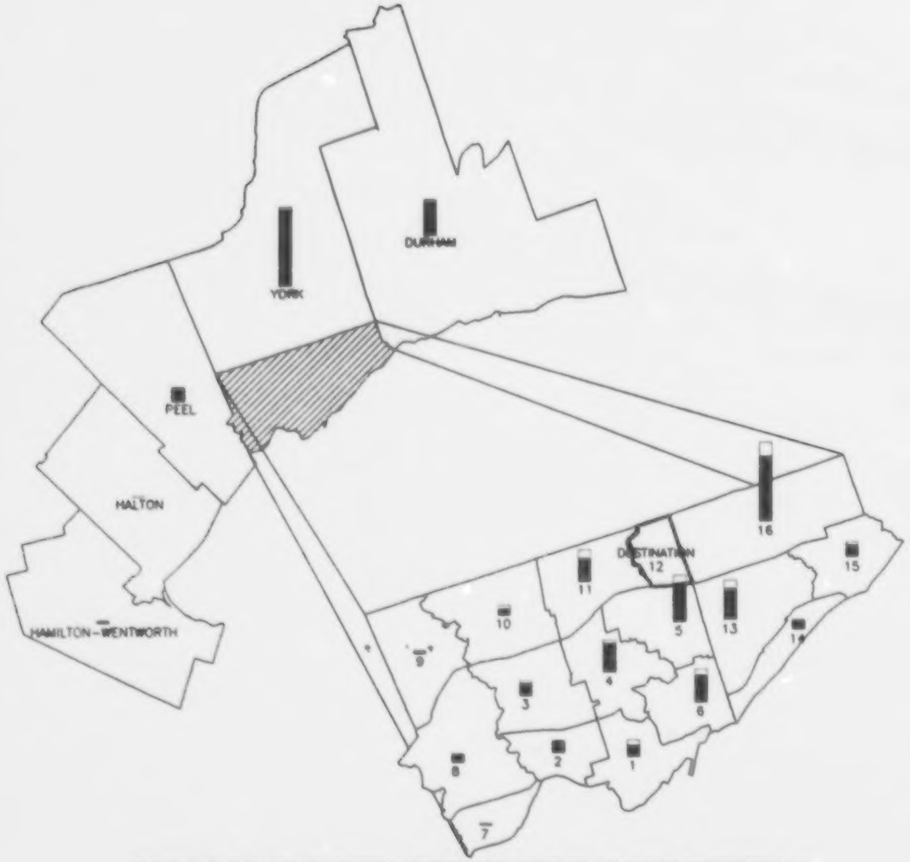


TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 12

24 - HOUR WORK TRIPS


YORK
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
DESTINATION
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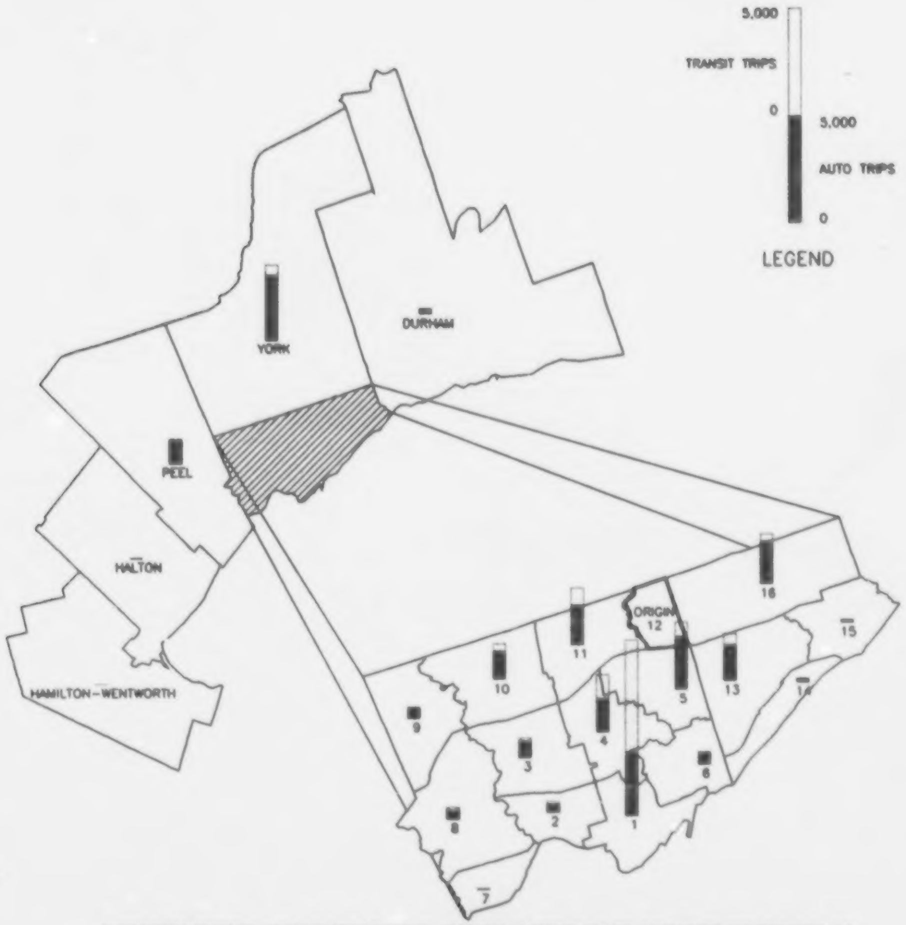
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 12

WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 12

PLANNING DISTRICT 12

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 26,400

Dwelling Type	House	Apartment/Other			
	58%	42%			
Household Size (persons)	1	2	3	4	5+
	16%	29%	19%	23%	13%
No. of Available Vehicles	0	1	2	3	4+
	12%	45%	34%	6%	3%

Statistics
Persons per Household = 2.92
Employees per Household = 1.65
Drivers per Household = 1.84
Vehicles per Household = 1.44

TOTAL POPULATION: 77,000

	Male	Female	Total
Population:	37,100	39,900	77,000
Employment Status:			
Full Time	56%	42%	49%
Part Time	6%	11%	9%
Student	24%	20%	22%
Age: Average = 33.5			
00 - 05	5%	5%	5%
06 - 15	15%	13%	14%
16 - 64	74%	75%	74%
65 - 98	6%	7%	7%
Licensed Drivers:	73%	57%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 12

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	42,500	64%	24%	0%	2%	10%
24 hours	171,000	23%	10%	7%	43%	17%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	42,500	61%	30%	9%	0%
24 hours	171,000	69%	22%	9%	0%
Average Trip Length (km)		9.0	9.4		

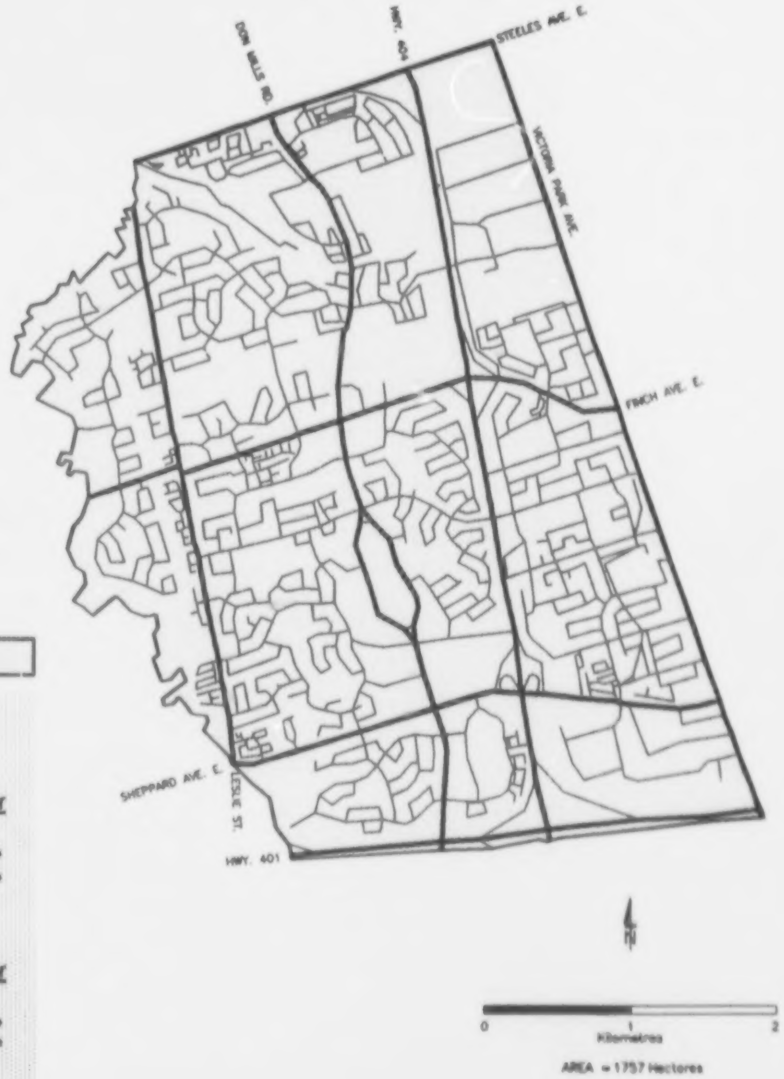
Daily Trips per Person (one-way) = 2.22
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 12

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	33,000	61%	26%	1%	2%	10%
24 hours	156,000	19%	10%	8%	47%	16%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	33,000	72%	17%	10%	1%
24 hours	156,000	72%	18%	9%	1%
Average Trip Length (km)		8.9	8.5		

Percentage of trips made within district: 6 - 9 am = 23%
24 hours = 27%

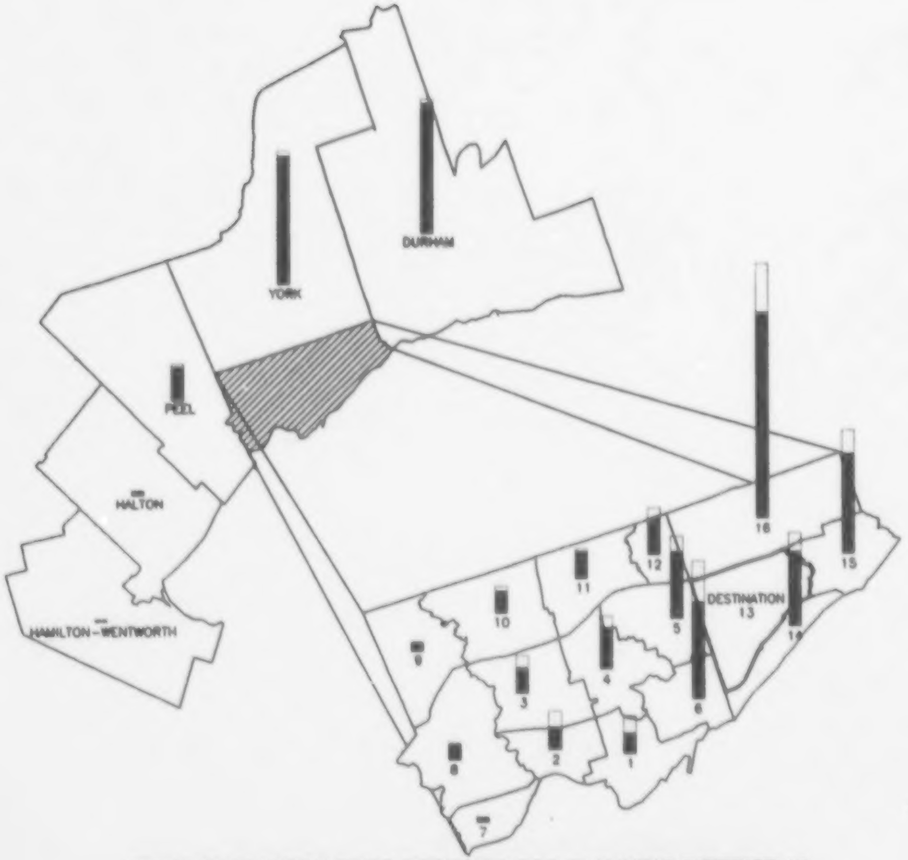


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 13

24 - HOUR WORK TRIPS


YORK
DURHAM
PEEL
HALTON
HAMILTON–WENTWORTH
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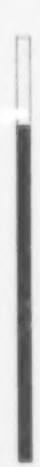
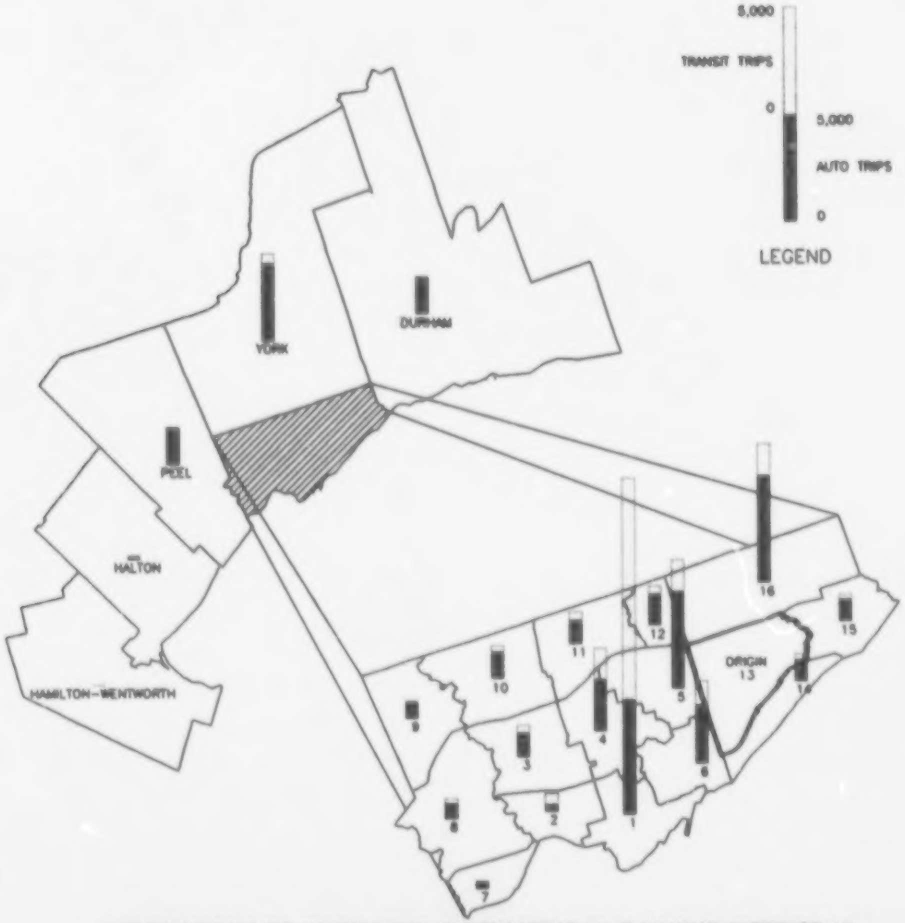
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 13



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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AUTO TRIPS
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LEGEND
YORK
DURHAM
PEEL
HALTON
HAMILTON–WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 13

PLANNING DISTRICT 13

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 63,100

Dwelling Type	House	Apartment/Other			
	64%	36%			
Household Size (persons)	1	2	3	4	5+
	16%	33%	22%	18%	11%
No. of Available Vehicles	0	1	2	3	4+
	16%	47%	27%	7%	3%

Statistics
Persons per Household = 2.79
Employees per Household = 1.57
Drivers per Household = 1.72
Vehicles per Household = 1.34

TOTAL POPULATION: 175,700

	Male	Female	Total
Population:	86,900	88,800	175,700
Employment Status:			
Full Time	59%	41%	50%
Part Time	5%	10%	8%
Student	17%	17%	17%
Age: Average = 35.5			
00 - 05	6%	5%	5%
06 - 15	11%	10%	11%
16 - 64	75%	75%	75%
65 - 98	8%	10%	9%
Licensed Drivers:	73%	53%	63%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 13

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	87,700	68%	20%	0%	3%	9%
24 hours	370,800	23%	8%	8%	43%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	87,700	60%	30%	9%	1%
24 hours	370,800	69%	22%	8%	1%
Average Trip Length (km)		8.6	9.3		

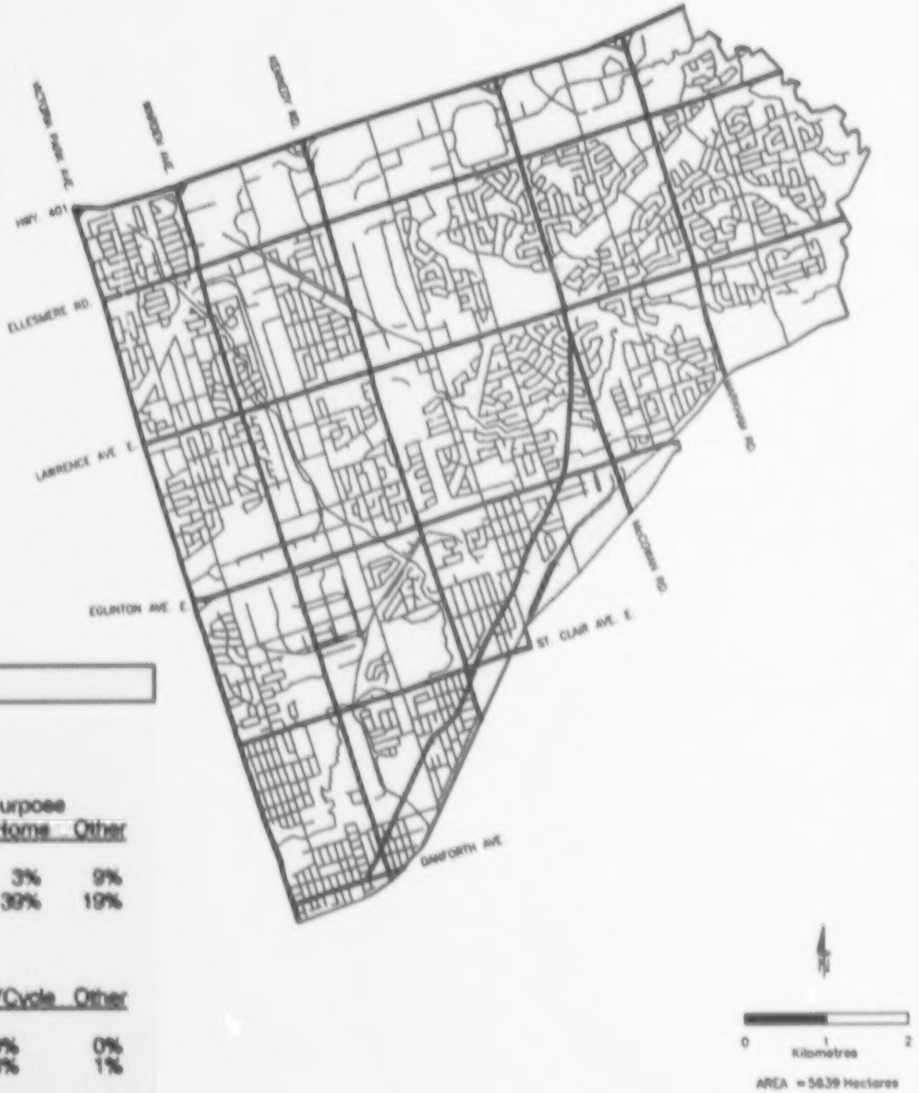
Daily Trips per Person (one-way) = 2.11
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 13

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	92,200	68%	20%	0%	3%	9%
24 hours	404,600	23%	8%	11%	39%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	92,200	70%	21%	9%	0%
24 hours	404,600	73%	18%	8%	1%
Average Trip Length (km)		8.4	8.7		

Percentage of trips made within district: 6 - 9 am = 35%
24 hours = 42%

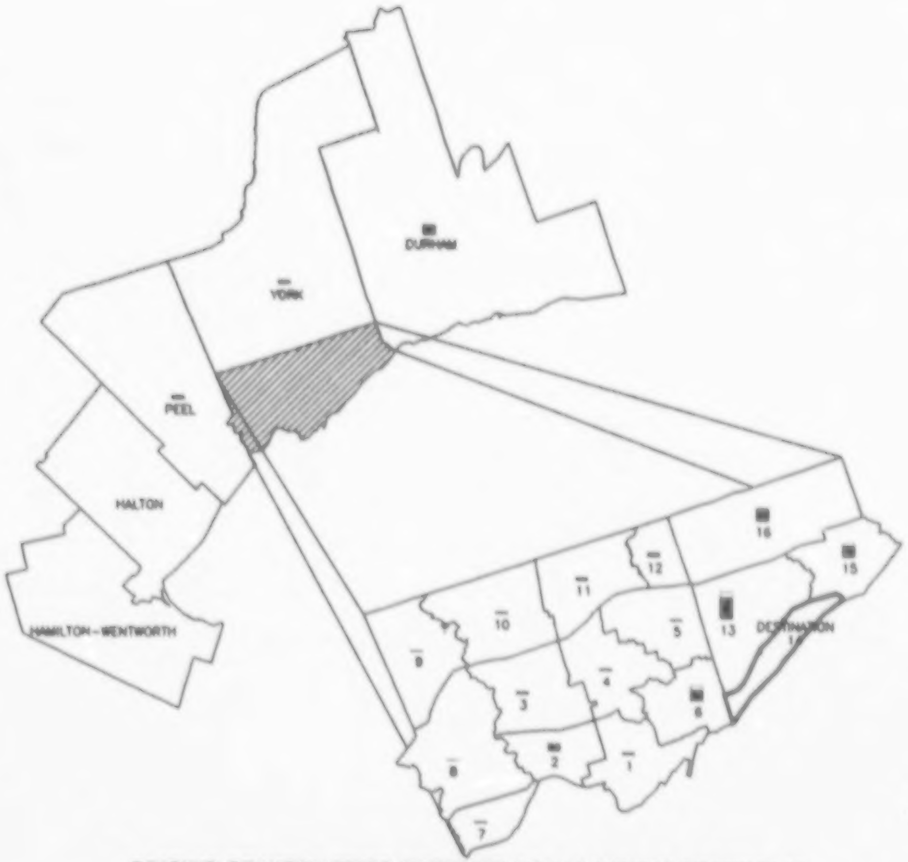

VICTORIA PARK AVE.
WARDEN AVE.
KENNEDY RD.
HWY. 401
ELLESMERE RD.
LAWRENCE AVE. E.
EGLINTON AVE. E.
ST. CLAIR AVE. E.
DANFORTH AVE.
McCOWAN RD.
N
0
1
2
Kilometres
AREA = 5639 Hectares

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 14

24 - HOUR WORK TRIPS


DURHAM
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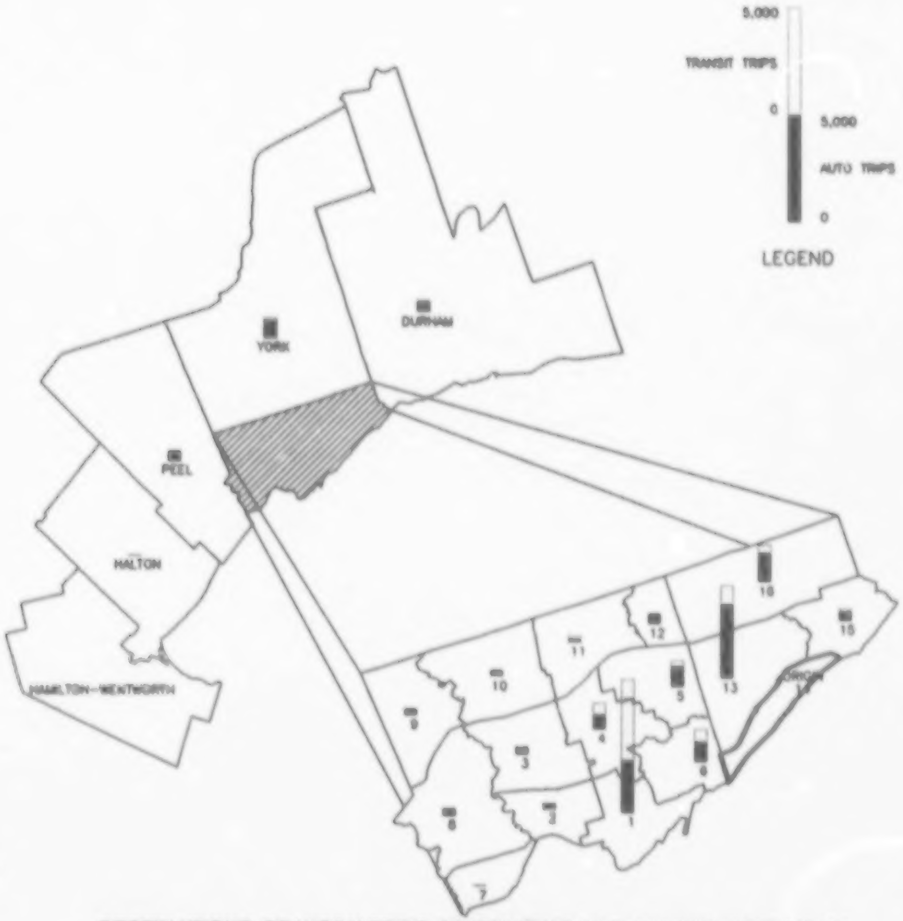
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 14

WORK TRIPS WITHIN THE PLANNING DISTRICT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TRANSIT TRIPS
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HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 14

PLANNING DISTRICT 14

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 21,600

Dwelling Type	House	Apartment/Other			
	65%	35%			
Household Size (persons)	1	2	3	4	5 +
	21%	34%	20%	18%	7%
No. of Available Vehicles	0	1	2	3	4 +
	16%	47%	29%	6%	2%

Statistics
Persons per Household = 2.60
Employees per Household = 1.35
Drivers per Household = 1.62
Vehicles per Household = 1.32

TOTAL POPULATION: 56,000

	Male	Female	Total
Population:	26,500	29,500	56,000
Employment Status:			
Full Time	55%	38%	46%
Part Time	4%	10%	7%
Student	19%	15%	17%
Age: Average = 36.7			
00 - 05	6%	7%	6%
06 - 15	14%	9%	11%
16 - 64	69%	71%	70%
65 - 98	11%	13%	13%
Licensed Drivers:	72%	56%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 14

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	27,500	67%	20%	0%	2%	11%
24 hours	119,700	22%	8%	9%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	27,500	62%	29%	9%	0%
24 hours	119,700	70%	21%	8%	1%
Average Trip Length (km)		9.5	10.4		

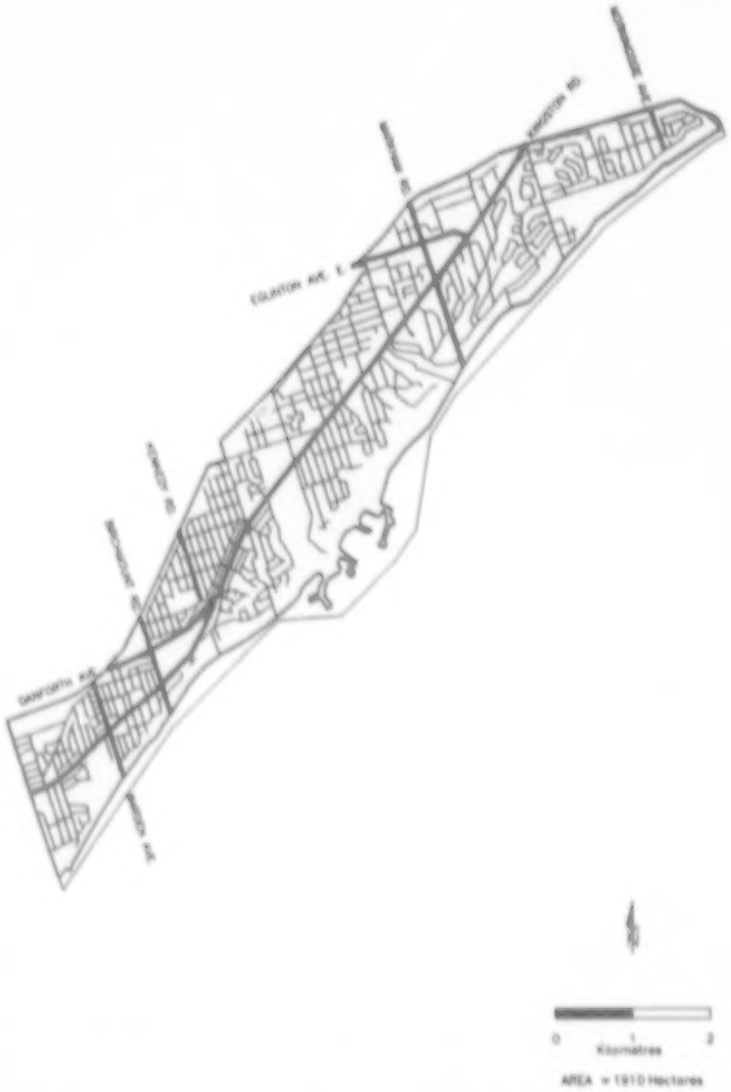
Daily Trips per Person (one-way) = 2.14
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 14

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	13,100	37%	43%	0%	5%	15%
24 hours	91,700	9%	10%	5%	57%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	13,100	59%	22%	18%	1%
24 hours	91,700	70%	18%	11%	1%
Average Trip Length (km)		8.2	9.1		

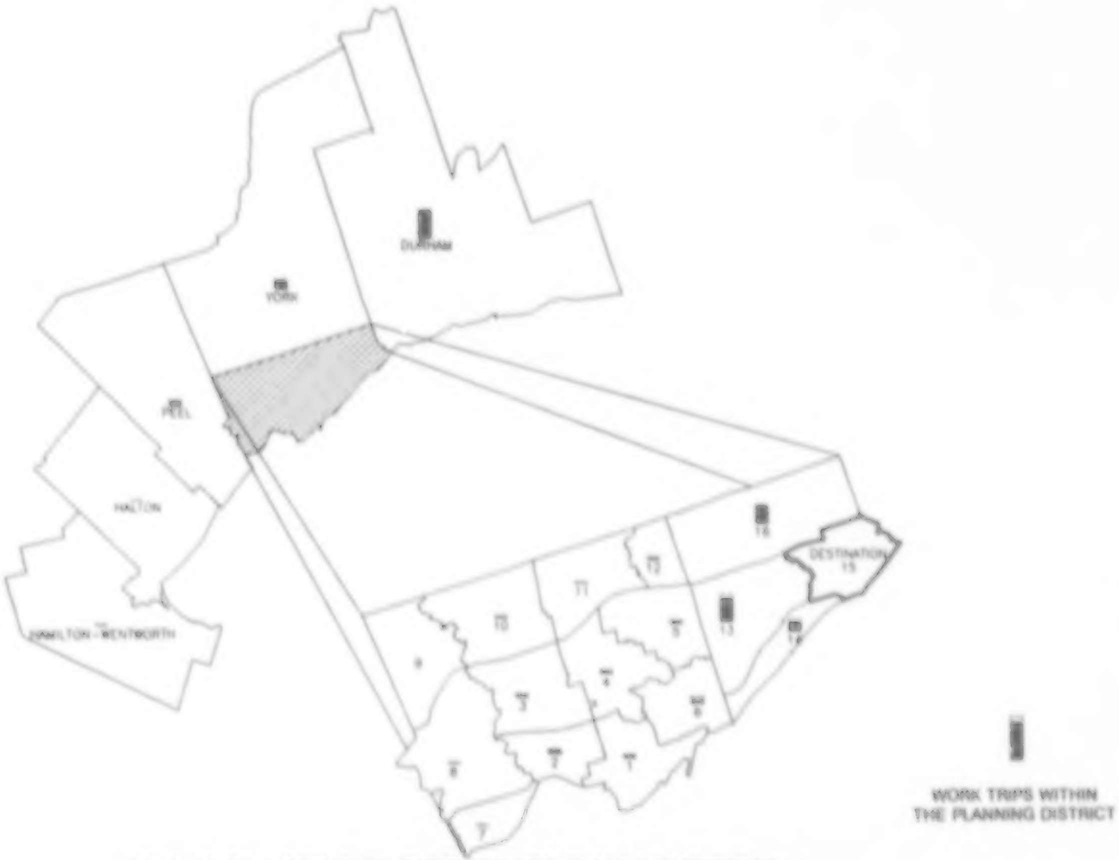
Percentage of trips made within district: 6 - 9 am = 40%
24 hours = 32%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 15

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
HAMILTON - WENTWORTH
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DESTINATION 15
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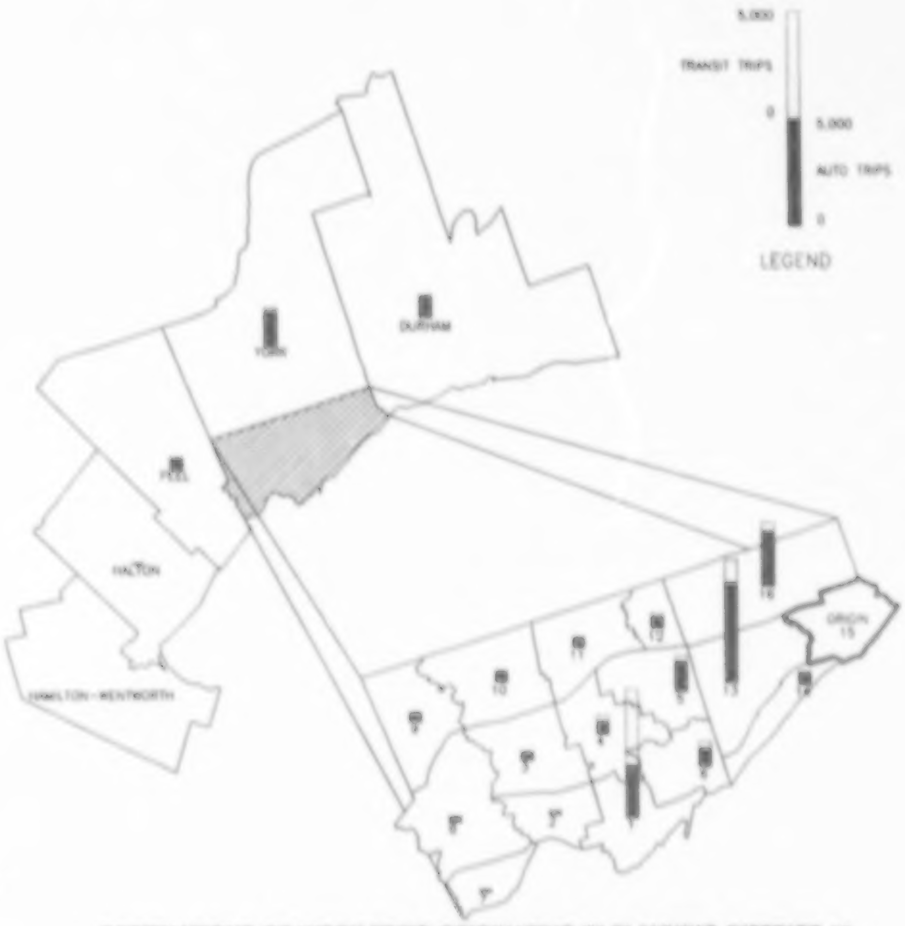
WORK TRIPS WITHIN THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 15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TRANSIT TRIPS
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AUTO TRIPS
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YORK
DURHAM
PEEL
HALTON
HAMILTON - WENTWORTH
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ORIGIN 15
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 15

PLANNING DISTRICT 15

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

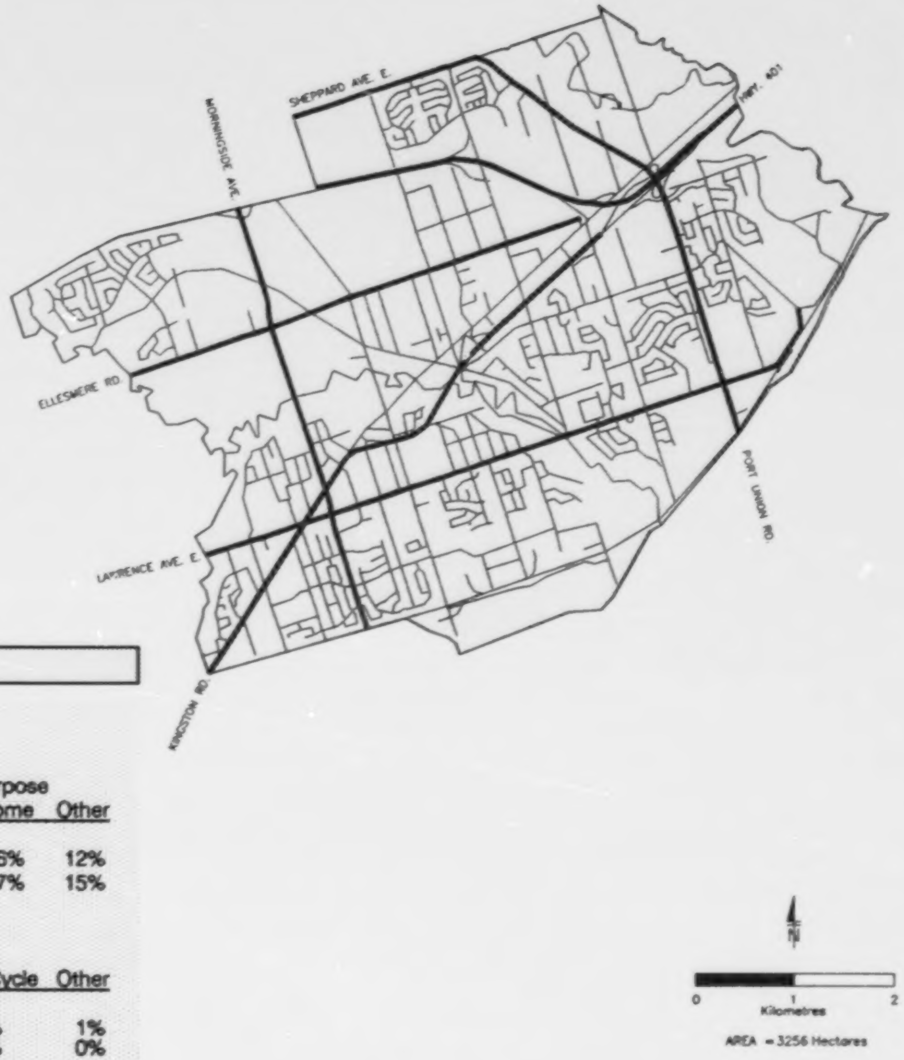
TOTAL NUMBER OF HOUSEHOLDS: 22,800

Dwelling Type	House	Apartment/Other			
	76%	24%			
Household Size (persons)	1	2	3	4	5+
	12%	26%	22%	27%	13%
No. of Available Vehicles	0	1	2	3	4+
	9%	36%	41%	11%	3%

Statistics
Persons per Household = 3.10
Employees per Household = 1.64
Drivers per Household = 1.93
Vehicles per Household = 1.64

TOTAL POPULATION: 70,700

	Male	Female	Total
Population:	35,600	35,100	70,700
Employment Status:			
Full Time	57%	36%	46%
Part Time	5%	11%	8%
Student	24%	22%	23%
Age: Average = 32.5			
00 - 05	6%	7%	7%
06 - 15	16%	15%	16%
16 - 64	72%	70%	71%
65 - 98	6%	8%	6%
Licensed Drivers:	71%	56%	64%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 15

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	37,200	61%	27%	0%	3%	9%
24 hours	154,100	21%	11%	7%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	37,200	64%	26%	10%	0%
24 hours	154,100	72%	19%	9%	0%
Average Trip Length (km)		12.0	12.2		

Daily Trips per Person (one-way) = 2.18
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 15

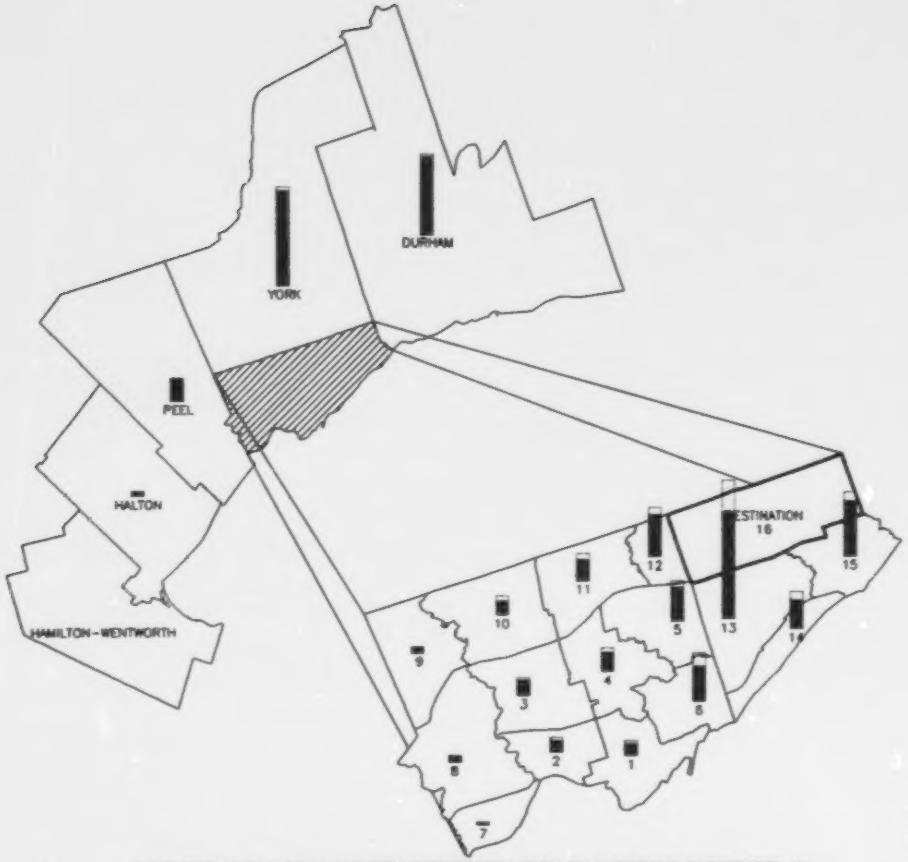
Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	18,500	33%	48%	1%	6%	12%
24 hours	118,300	9%	13%	6%	57%	15%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	18,500	57%	22%	20%	1%
24 hours	118,300	70%	18%	12%	0%
Average Trip Length (km)		10.3	10.3		

Percentage of trips made within district: 6 - 9 am = 52%
24 hours = 40%

PLANNING DISTRICT 16

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
HAMILTON—WENTWORTH
DESTINATION
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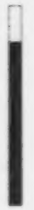
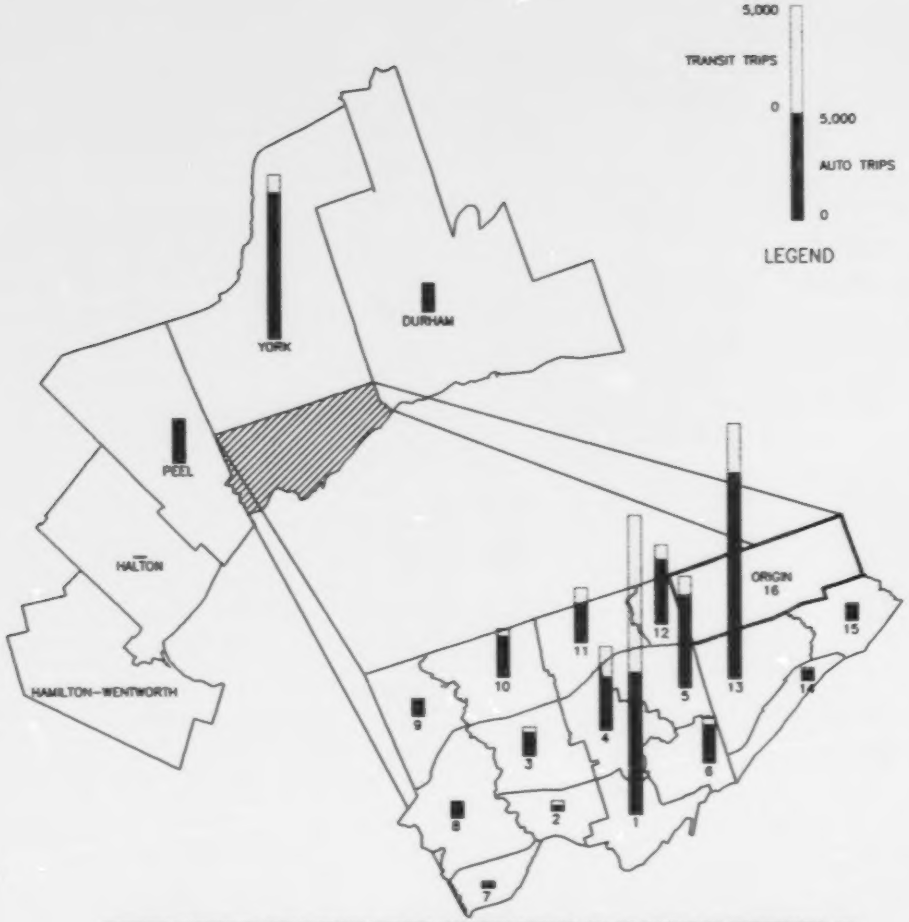
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 16



WORK TRIPS WITHIN
THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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AUTO TRIPS
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LEGEND
YORK
DURHAM
PEEL
HALTON
HAMILTON—WENTWORTH
ORIGIN
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 16

PLANNING DISTRICT 16

METROPOLITAN TORONTO

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 53,200

Dwelling Type	House	Apartment/Other
	73%	27%

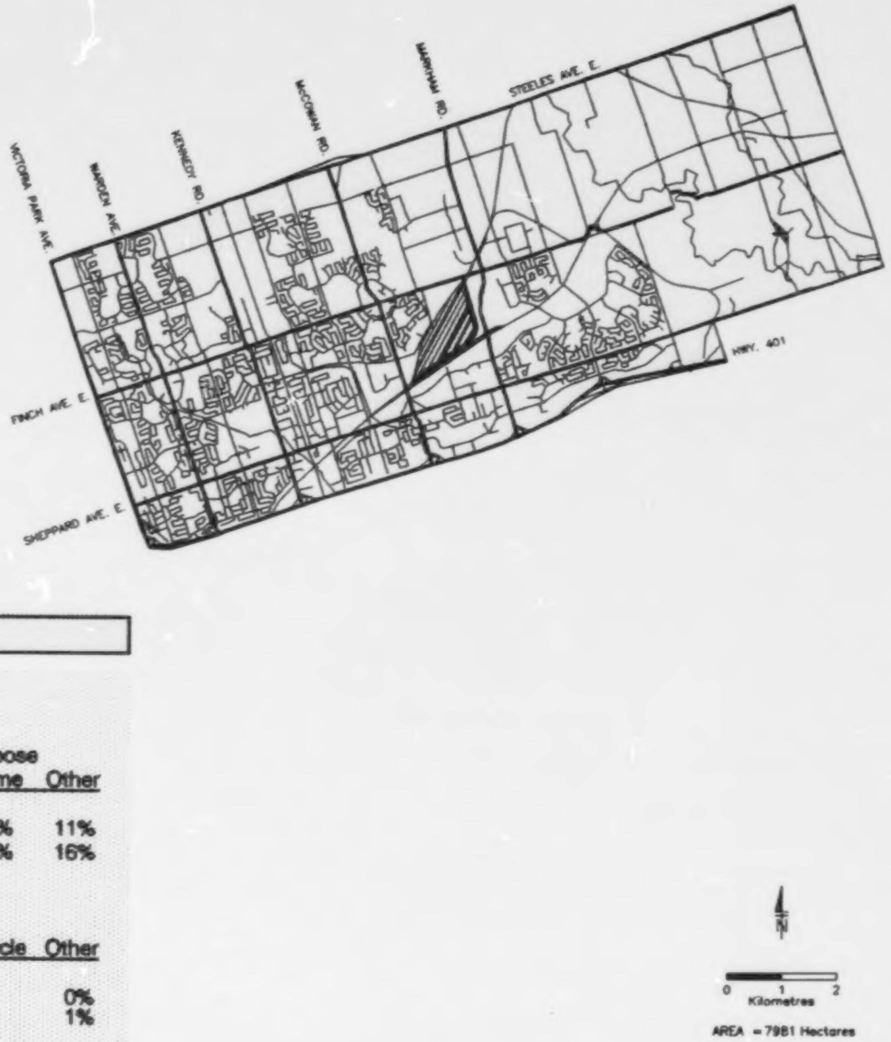
Household Size (persons)	1	2	3	4	5+
	10%	27%	19%	28%	16%

No. of Available Vehicles	0	1	2	3	4+
	7%	44%	39%	7%	3%

Statistics
Persons per Household = 3.19
Employees per Household = 1.76
Drivers per Household = 1.92
Vehicles per Household = 1.55

TOTAL POPULATION: 169,700

	Male	Female	Total
Population:	83,300	86,400	169,700
Employment Status:			
Full Time	57%	41%	49%
Part Time	5%	9%	7%
Student	24%	21%	23%
Age: Average = 31.5			
00 - 05	8%	8%	8%
06 - 15	17%	15%	16%
16 - 64	71%	71%	71%
65 - 98	4%	6%	5%
Licensed Drivers:	69%	55%	62%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 16

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	93,900	64%	24%	0%	2%	10%
24 hours	368,700	23%	11%	6%	43%	17%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	93,900	64%	25%	10%	1%
24 hours	368,700	71%	19%	10%	0%
Average Trip Length (km)		9.5	10.5		

Daily Trips per Person (one-way) = 2.17
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 16

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	60,400	57%	30%	0%	2%	11%
24 hours	305,300	17%	10%	5%	52%	16%

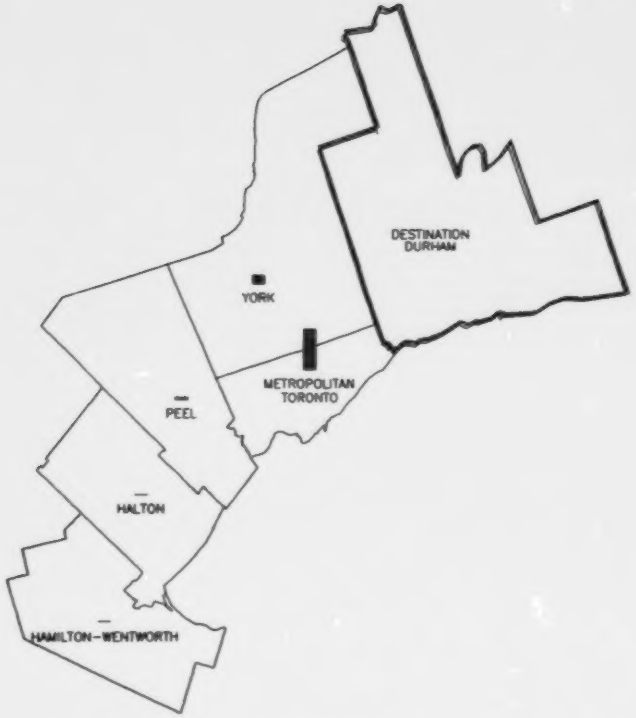
Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	60,400	67%	17%	16%	0%
24 hours	305,300	71%	16%	12%	1%
Average Trip Length (km)		8.8	9.1		

Percentage of trips made within district: 6 - 9 am = 44%
24 hours = 43%

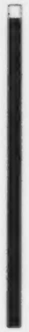
THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

REGIONAL MUNICIPALITY OF DURHAM

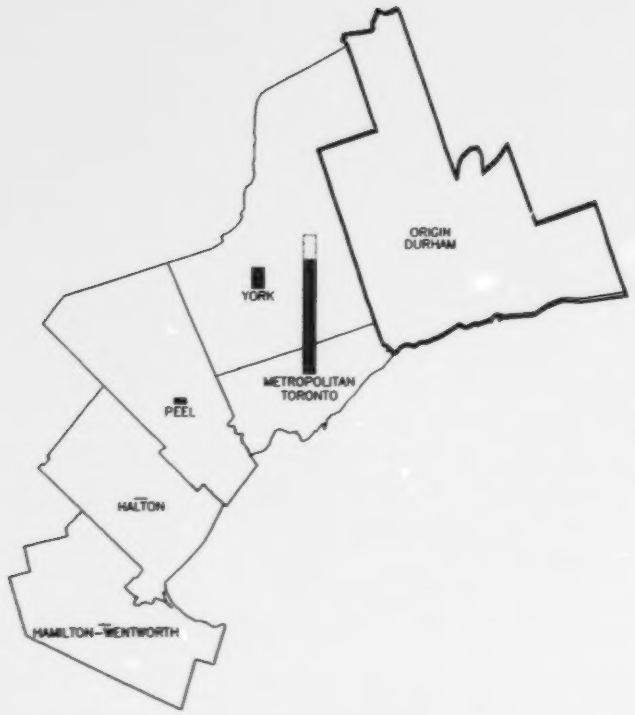
24 - HOUR WORK TRIPS


DESTINATION
DURHAM
YORK
METROPOLITAN
TORONTO
PEEL
HALTON
HAMILTON-WENTWORTH

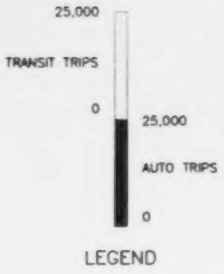
ORIGINS OF WORK TRIPS DESTINED FOR DURHAM REGION



WORK TRIPS WITHIN THE REGION


ORIGIN
DURHAM
YORK
METROPOLITAN
TORONTO
PEEL
HALTON
HAMILTON-WENTWORTH

DESTINATIONS OF WORK TRIPS ORIGINATING IN DURHAM REGION


25,000
TRANSIT TRIPS
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25,000
AUTO TRIPS
0
LEGEND

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 106,000

Dwelling Type	House	Apartment/Other			
	84%	16%			
Household Size (persons)	1	2	3	4	5+
	13%	29%	21%	26%	11%
No. of Available Vehicles	0	1	2	3	4+
	5%	37%	45%	10%	3%

Statistics
Persons per Household = 2.99
Employees per Household = 1.51
Drivers per Household = 1.92
Vehicles per Household = 1.72

TOTAL POPULATION: 317,600

	Male	Female	Total
Population:	157,600	160,000	317,600
Employment Status:			
Full Time	56%	29%	43%
Part Time	4%	12%	8%
Student	20%	21%	20%
Age: Average = 31.2			
00 - 05	10%	10%	10%
06 - 15	16%	16%	16%
16 - 64	68%	67%	67%
65 - 98	6%	7%	7%
Licensed Drivers:	69%	59%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF DURHAM REGION

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	153,400	60%	24%	1%	4%	11%
24 hours	723,000	20%	8%	8%	43%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	153,400	75%	14%	11%	0%
24 hours	723,000	82%	9%	9%	0%
Average Trip Length (km)		12.8	12.5		

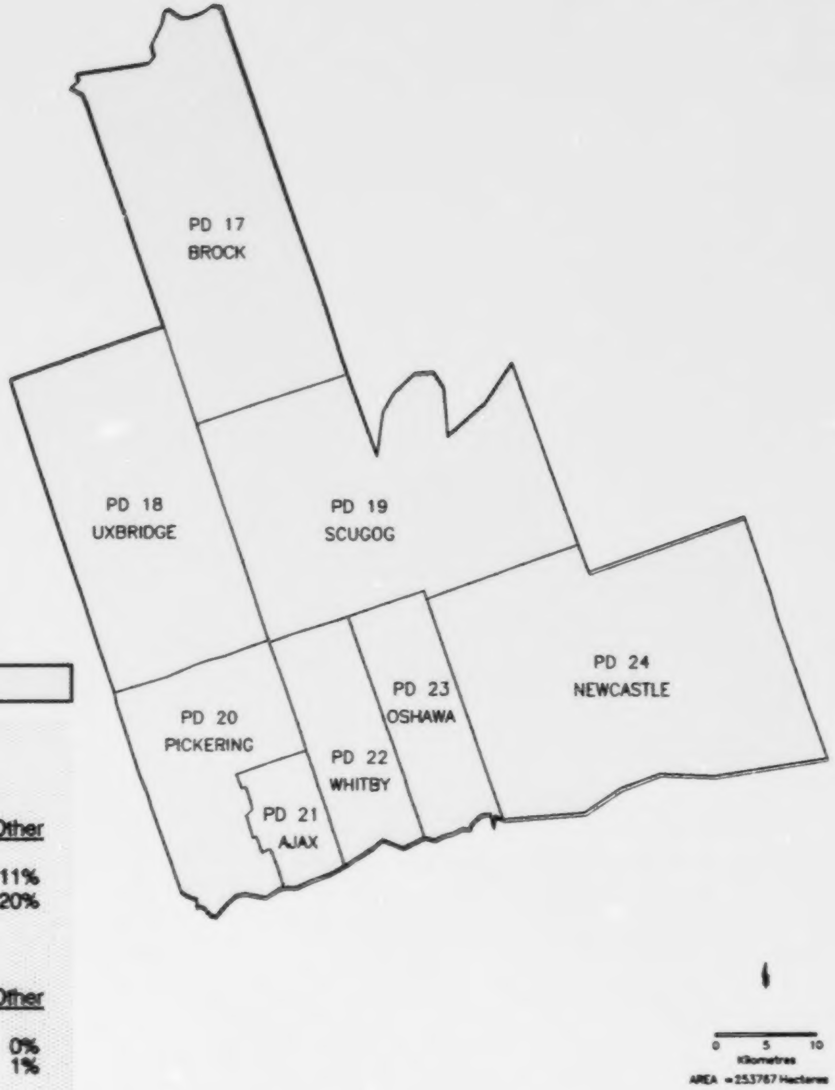
Daily Trips per Person (one-way) = 2.28
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO DURHAM REGION

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	124,000	55%	29%	1%	4%	11%
24 hours	664,900	16%	9%	9%	46%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	124,000	74%	13%	13%	0%
24 hours	664,900	81%	9%	9%	1%
Average Trip Length (km)		10.8	9.7		

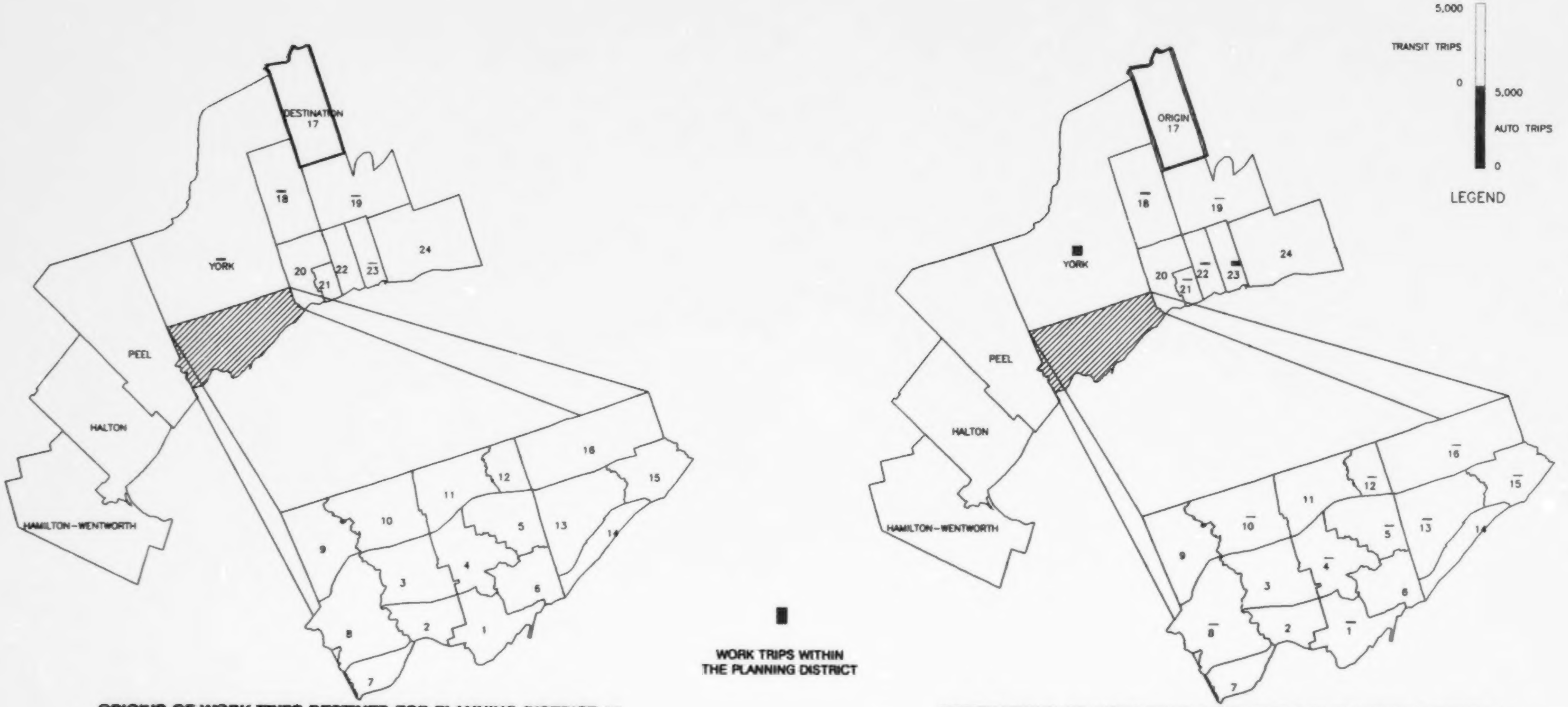
Percentage of trips made within district: 6 - 9 am = 90%
24 hours = 87%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 17: TOWNSHIP OF BROCK

24 - HOUR WORK TRIPS


DESTINATION 17
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PEEL
HALTON
HAMILTON—WENTWORTH
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WORK TRIPS WITHIN THE PLANNING DISTRICT
ORIGIN 17
5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 17

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 17

PLANNING DISTRICT 17: TOWNSHIP OF BROCK

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 3,400

Dwelling Type	House	Apartment/Other			
	91%	9%			
Household Size (persons)	1	2	3	4	5+
	16%	33%	17%	22%	12%
No. of Available Vehicles	0	1	2	3	4+
	6%	41%	39%	9%	5%

Statistics
Persons per Household = 2.90
Employees per Household = 1.24
Drivers per Household = 1.86
Vehicles per Household = 1.71

TOTAL POPULATION: 10,000

	Male	Female	Total
Population:	52,000	4,800	10,000
Employment Status:			
Full Time	45%	24%	35%
Part Time	4%	14%	9%
Student	24%	16%	20%
Age: Average = 35.8			
00 - 05	7%	6%	6%
06 - 15	20%	15%	18%
16 - 64	61%	68%	64%
65 - 98	12%	11%	12%
Licensed Drivers:	69%	63%	66%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 17

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	4,200	58%	25%	1%	3%	13%
24 hours	20,000	20%	10%	7%	42%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	4,200	72%	22%	6%	0%
24 hours	20,000	80%	12%	8%	0%
Average Trip Length (km)		26.2	9.8		

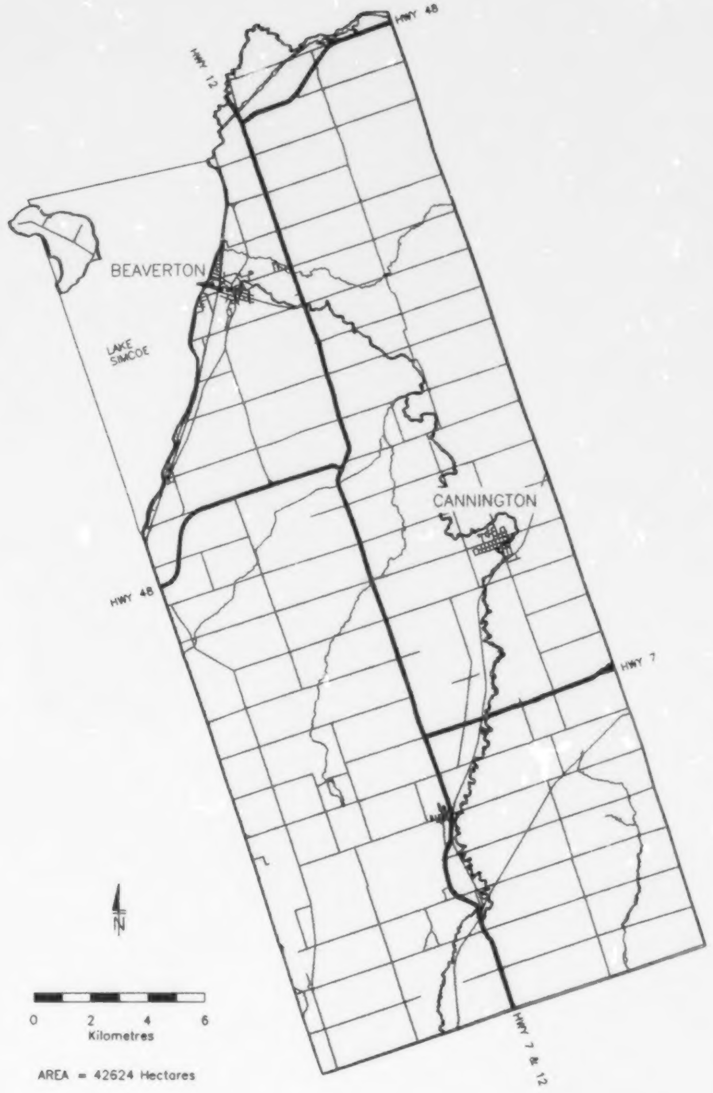
Daily Trips per Person (one-way) = 2.00
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 17

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	2,800	43%	43%	1%	4%	9%
24 hours	16,000	12%	16%	6%	52%	14%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	2,800	52%	39%	9%	0%
24 hours	16,000	72%	18%	9%	1%
Average Trip Length (km)		20.1	9.0		

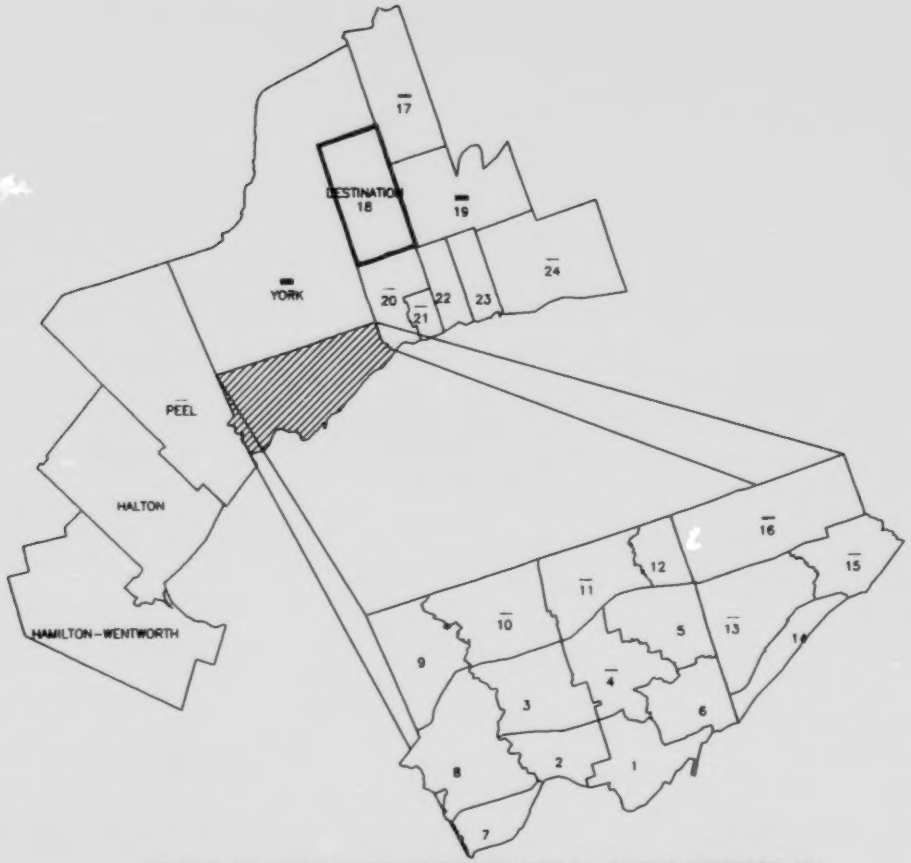
Percentage of trips made within district: 6 - 9 am = 76%
24 hours = 63%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 18: TOWNSHIP OF UXBRIDGE

24 - HOUR WORK TRIPS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ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 18

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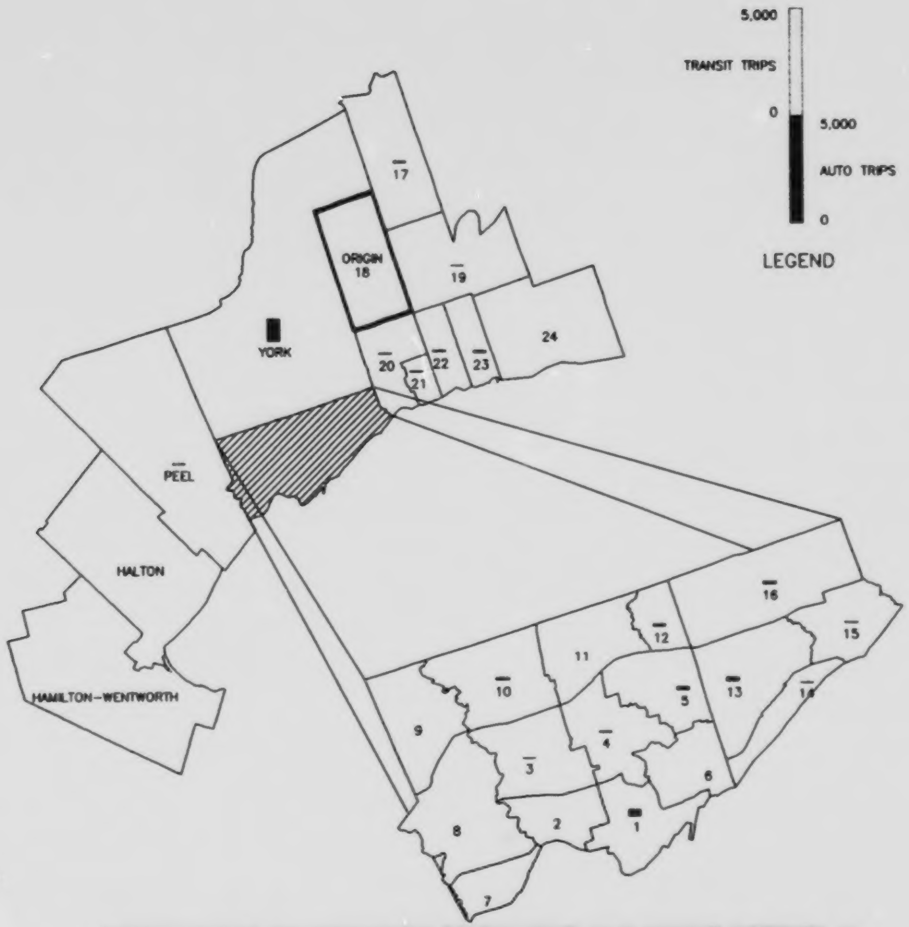
WORK TRIPS WITHIN
THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 18

PLANNING DISTRICT 18: TOWNSHIP OF UXBRIDGE

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 3,900

Dwelling Type	House	Apartment/Other			
	89%	11%			
Household Size (persons)	1	2	3	4	5+
	14%	30%	19%	26%	11%
No. of Available Vehicles	0	1	2	3	4+
	6%	25%	49%	15%	5%

Statistics
Persons per Household = 2.92
Employees per Household = 1.38
Drivers per Household = 2.02
Vehicles per Household = 1.93

TOTAL POPULATION: 11,300

	Male	Female	Total
Population:	5,700	5,600	11,300
Employment Status:			
Full Time	51%	30%	41%
Part Time	4%	10%	7%
Student	21%	17%	19%
Age: Average = 35.8			
00 - 05	8%	7%	8%
06 - 15	17%	13%	15%
16 - 64	64%	70%	67%
65 - 98	11%	10%	10%
Licensed Drivers:	72%	68%	70%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 18

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	5,000	61%	24%	0%	2%	13%
24 hours	24,200	21%	8%	7%	43%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	5,000	76%	15%	8%	1%
24 hours	24,200	84%	10%	5%	1%
Average Trip Length (km)		21.4	14.9		

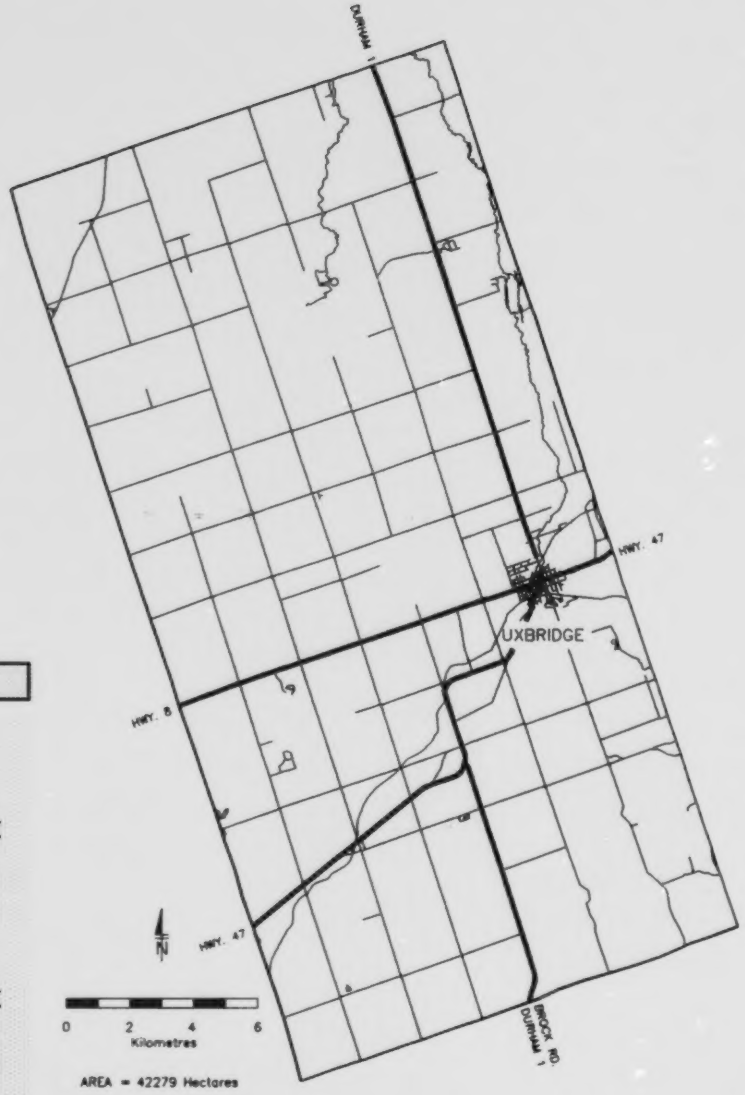
Daily Trips per Person (one-way) = 2.14
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 18

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	3,100	42%	41%	0%	4%	13%
24 hours	20,100	13%	9%	5%	51%	22%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	3,100	65%	23%	12%	0%
24 hours	20,100	82%	12%	6%	0%
Average Trip Length (km)		18.1	13.2		

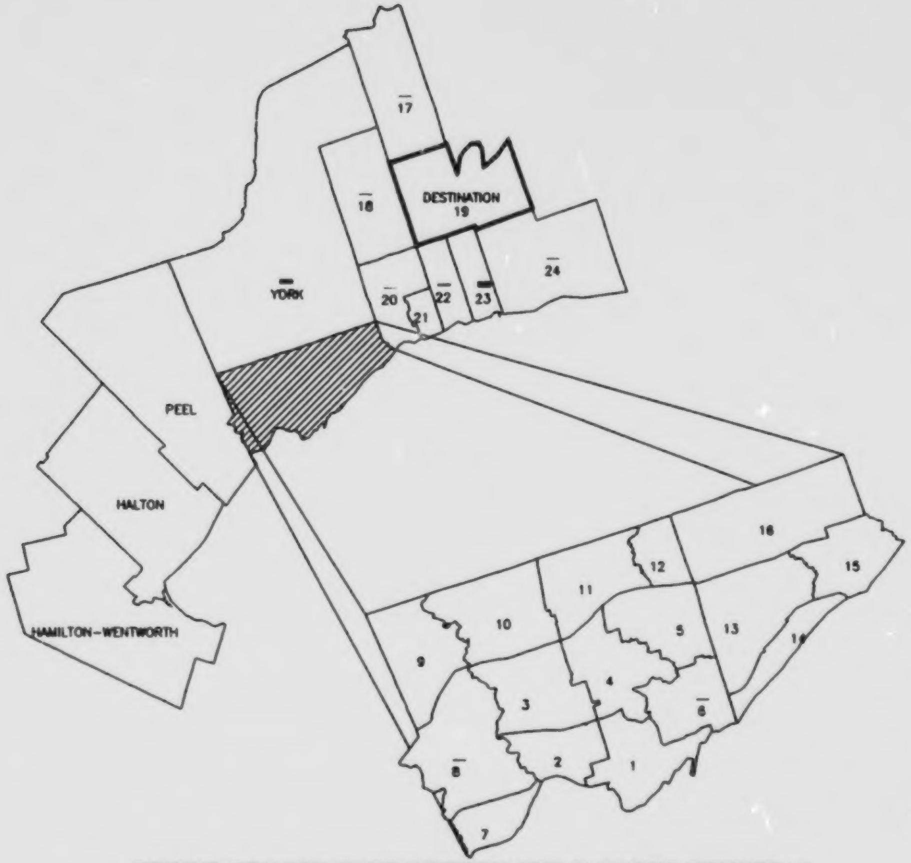
Percentage of trips made within district: 6 - 9 am = 67%
24 hours = 55%



THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 19: TOWNSHIP OF SCUGOG

24 - HOUR WORK TRIPS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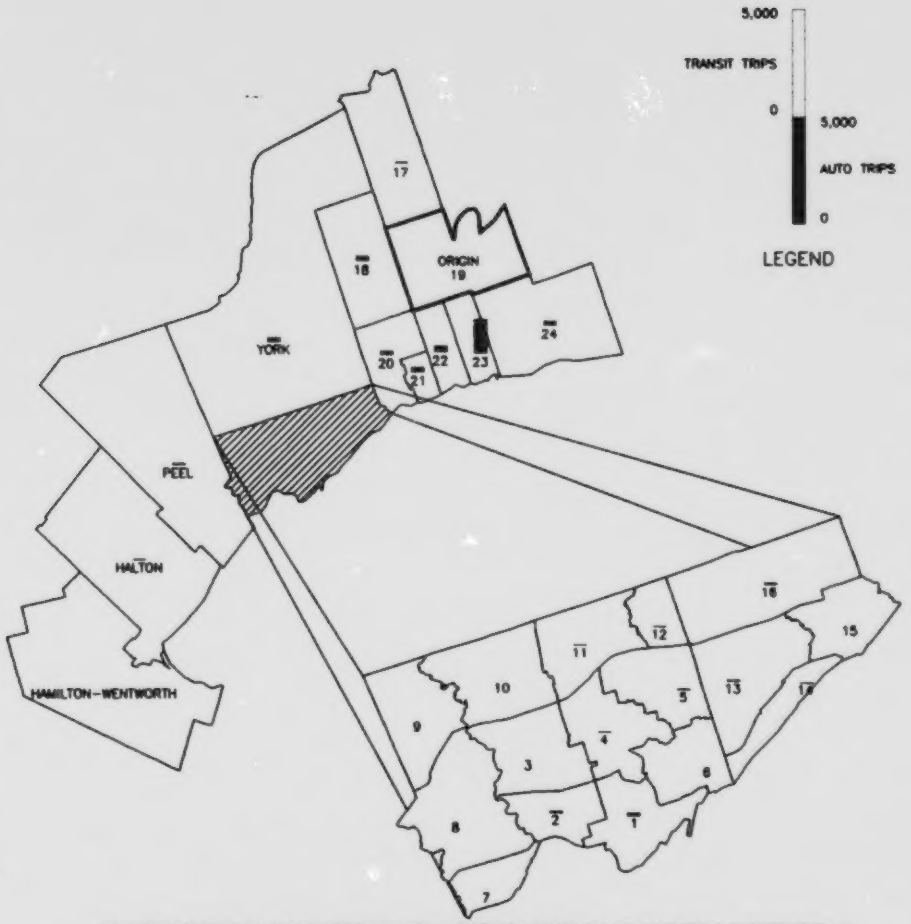
▮ WORK TRIPS WITHIN THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 19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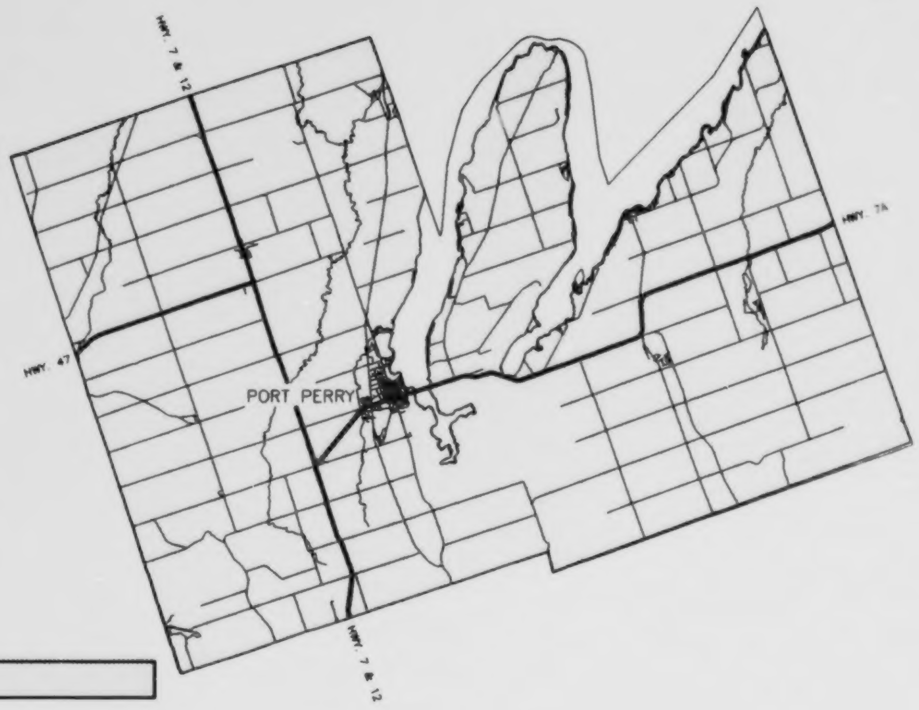
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 19

PLANNING DISTRICT 19: TOWNSHIP OF SCUGOG

REGIONAL MUNICIPALITY OF DURHAM



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 5,000

Dwelling Type	House	Apartment/Other
	95%	5%

Household Size (persons)	1	2	3	4	5+
	9%	32%	18%	27%	14%

No. of Available Vehicles	0	1	2	3	4+
	4%	23%	52%	14%	7%

Statistics
Persons per Household = 3.13
Employees per Household = 1.47
Drivers per Household = 2.07
Vehicles per Household = 2.03

TOTAL POPULATION: 15,600

	Male	Female	Total
Population:	7,700	7,900	15,600
Employment Status:			
Full Time	55%	23%	39%
Part Time	5%	14%	9%
Student	21%	23%	22%
Age: Average = 33.7			
00 - 05	7%	8%	8%
06 - 15	16%	18%	17%
16 - 64	68%	65%	66%
65 - 98	9%	9%	9%
Licensed Drivers:	74%	61%	67%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 19

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	6,400	58%	30%	0%	3%	9%
24 hours	34,400	20%	10%	7%	43%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	6,400	77%	13%	10%	0%
24 hours	34,400	84%	10%	6%	0%
Average Trip Length (km)		19.7	12.0		

Daily Trips per Person (one-way) = 2.20
Daily Work Trips per Employed Person = 0.76

TRIPS MADE TO PLANNING DISTRICT 19

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	3,800	42%	43%	0%	5%	10%
24 hours	26,500	11%	11%	5%	56%	17%

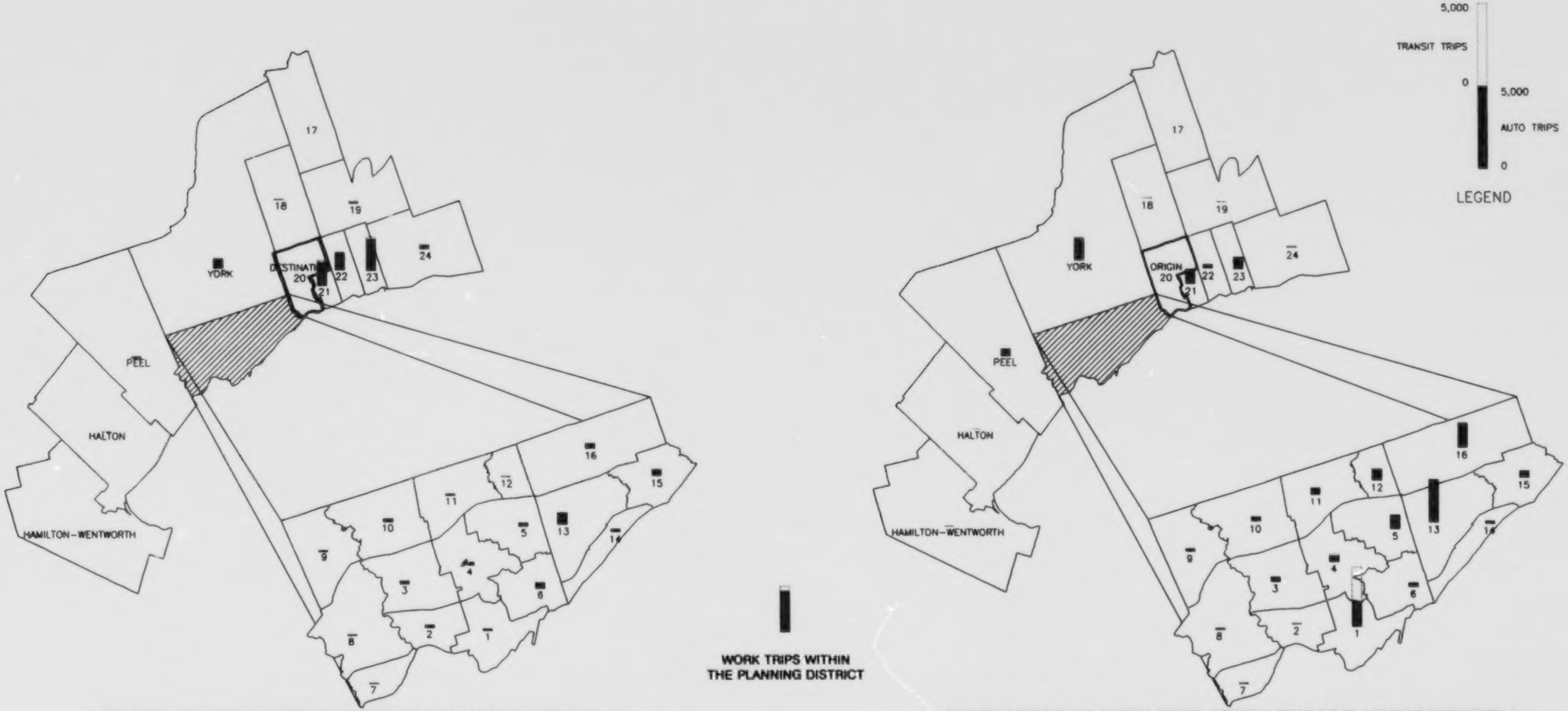
Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	3,800	64%	19%	17%	0%
24 hours	26,500	79%	12%	9%	0%
Average Trip Length (km)		16.7	11.1		

Percentage of trips made within district: 6 - 9 am = 78%
24 hours = 61%

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 20: TOWN OF PICKERING

24 - HOUR WORK TRIPS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WORK TRIPS WITHIN
THE PLANNING DISTRICT
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ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 20

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 20

PLANNING DISTRICT 20: TOWN OF PICKERING

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 14,600

Dwelling Type	House	Apartment/Other			
	90%	10%			
Household Size (persons)	1	2	3	4	5+
	8%	24%	24%	29%	15%
No. of Available Vehicles	0	1	2	3	4+
	4%	34%	50%	10%	2%

Statistics
Persons per Household = 3.23
Employees per Household = 1.74
Drivers per Household = 2.03
Vehicles per Household = 1.75

TOTAL POPULATION: 47,100

	Male	Female	Total
Population:	23,300	23,800	47,100
Employment Status:			
Full Time	59%	37%	48%
Part Time	4%	11%	7%
Student	21%	21%	21%
Age: Average = 29.6			
00 - 05	11%	10%	11%
06 - 15	16%	15%	16%
16 - 64	69%	70%	70%
65 - 98	4%	5%	3%
Licensed Drivers:	68%	61%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 20

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	25,400	63%	22%	0%	2%	13%
24 hours	104,400	22%	9%	7%	42%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	25,400	73%	21%	5%	1%
24 hours	104,400	79%	15%	6%	0%
Average Trip Length (km)		13.3	13.0		

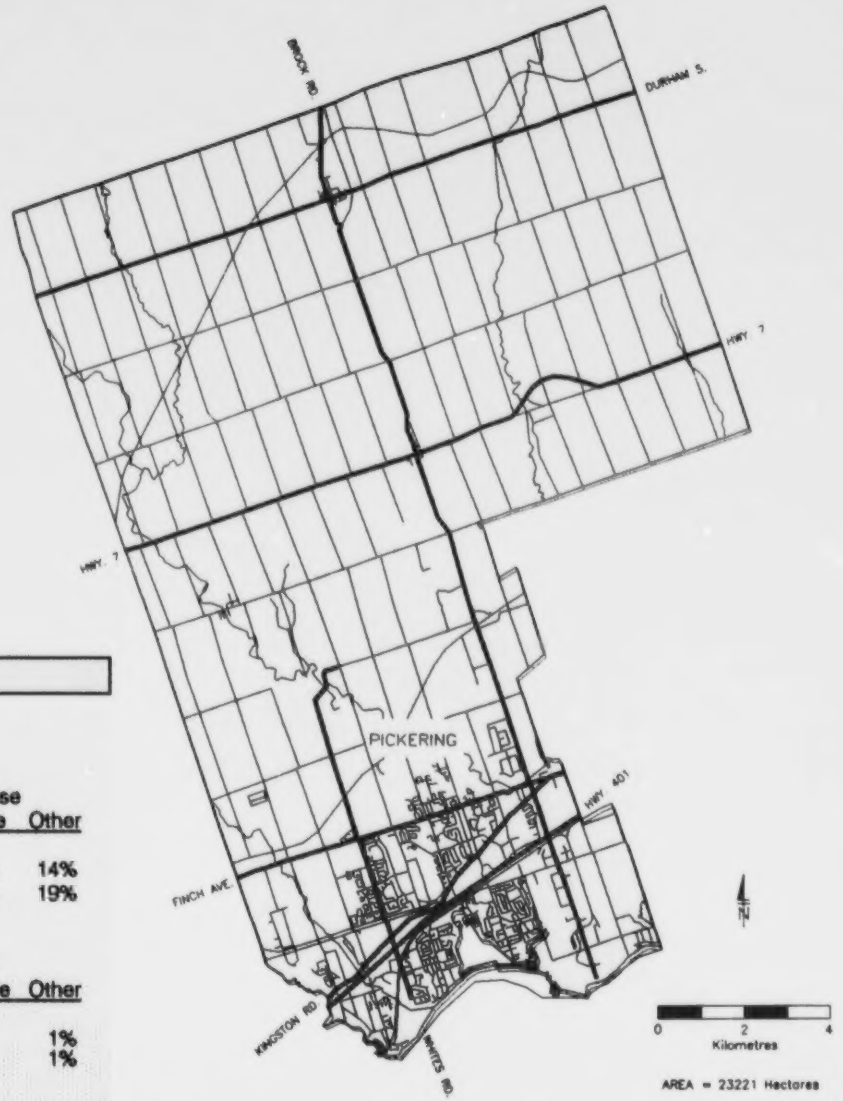
Daily Trips per Person (one-way) = 2.22
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 20

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	16,900	60%	21%	1%	4%	14%
24 hours	95,700	16%	7%	12%	46%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	16,900	78%	12%	9%	1%
24 hours	95,700	81%	12%	6%	1%
Average Trip Length (km)		12.1	10.5		

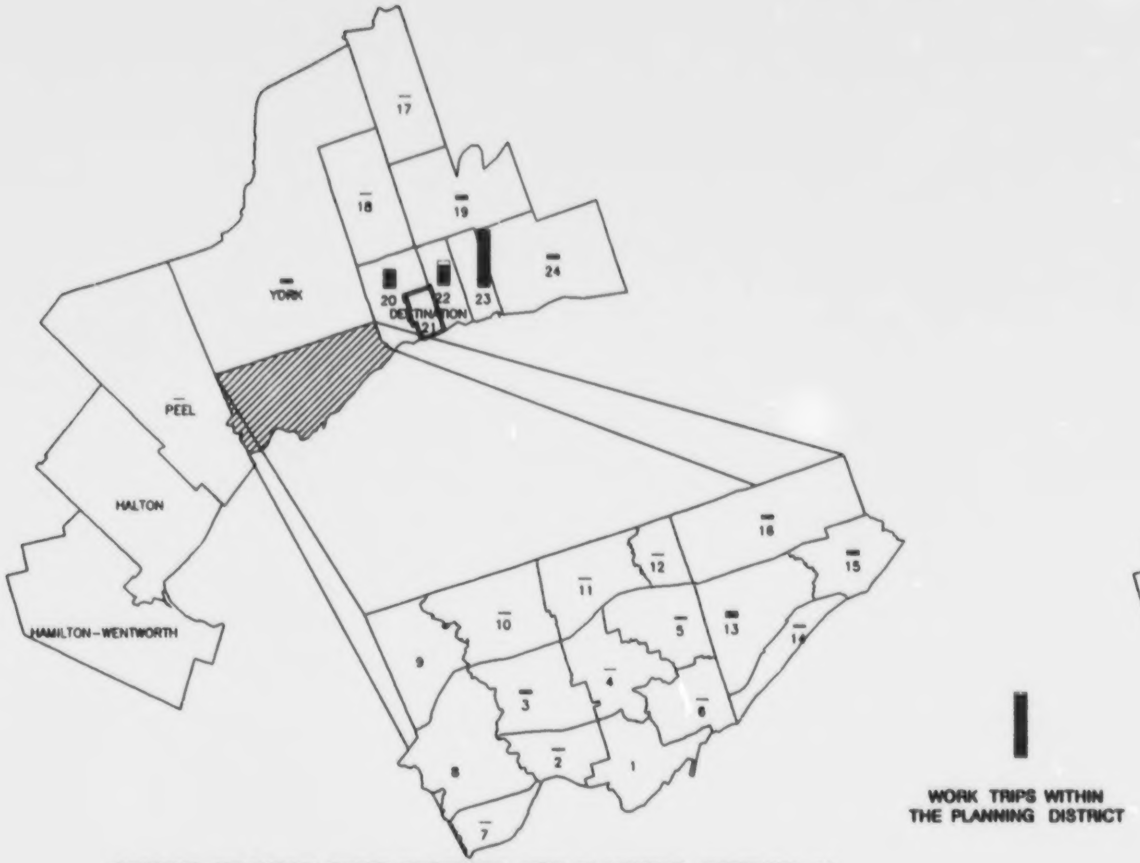
Percentage of trips made within district: 6 - 9 am = 43%
24 hours = 46%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 21: TOWN OF AJAX

24 - HOUR WORK TRIPS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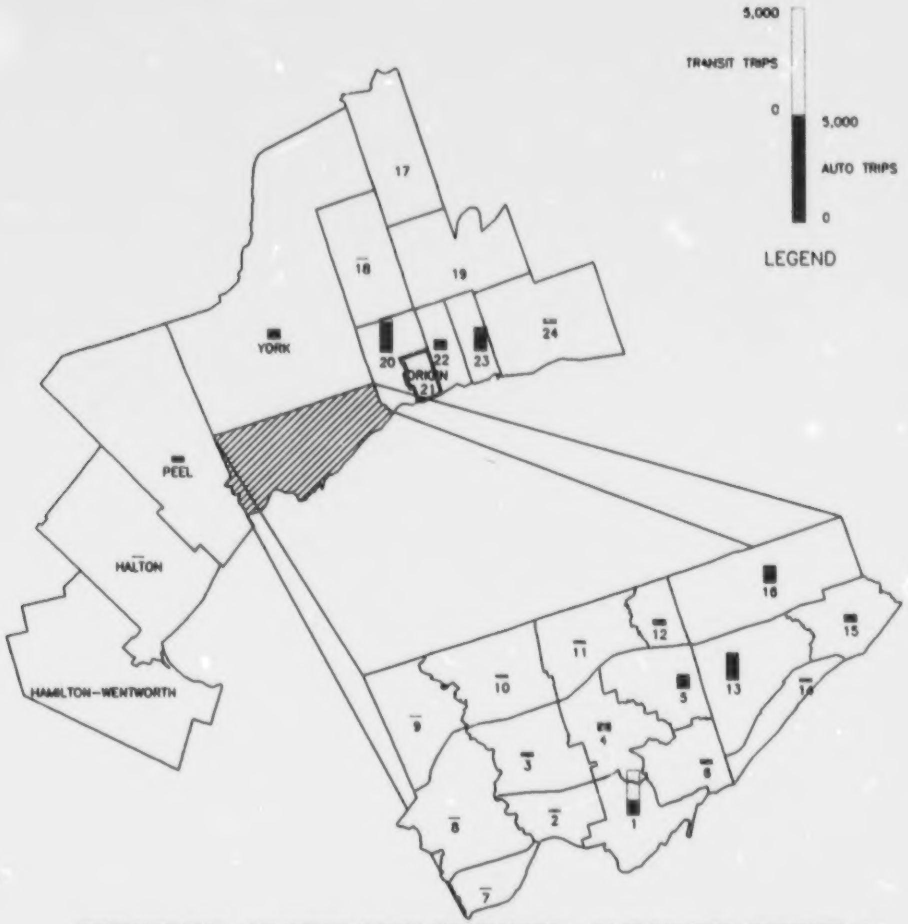
WORK TRIPS WITHIN
THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 21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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 21

PLANNING DISTRICT 21: TOWN OF AJAX

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 11,600

Dwelling Type	House	Apartment/Other			
	87%	13%			
Household Size (persons)	1	2	3	4	5+
	9%	29%	20%	30%	12%
No. of Available Vehicles	0	1	2	3	4+
	4%	33%	49%	10%	4%

Statistics
Persons per Household = 3.09
Employees per Household = 1.65
Drivers per Household = 1.96
Vehicles per Household = 1.78

TOTAL POPULATION: 35,800

	Male	Female	Total
Population:	17,700	18,100	35,800
Employment Status:			
Full Time	58%	33%	46%
Part Time	5%	13%	9%
Student	21%	21%	21%
Age: Average = 30.1			
00 - 05	10%	9%	9%
06 - 15	16%	17%	16%
16 - 64	69%	69%	69%
65 - 98	5%	5%	6%
Licensed Drivers:	70%	60%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 21

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	19,800	62%	23%	1%	4%	10%
24 hours	83,000	22%	9%	7%	43%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	19,800	69%	19%	13%	-1%
24 hours	83,000	77%	12%	11%	0%
Average Trip Length (km)		13.4	17.8		

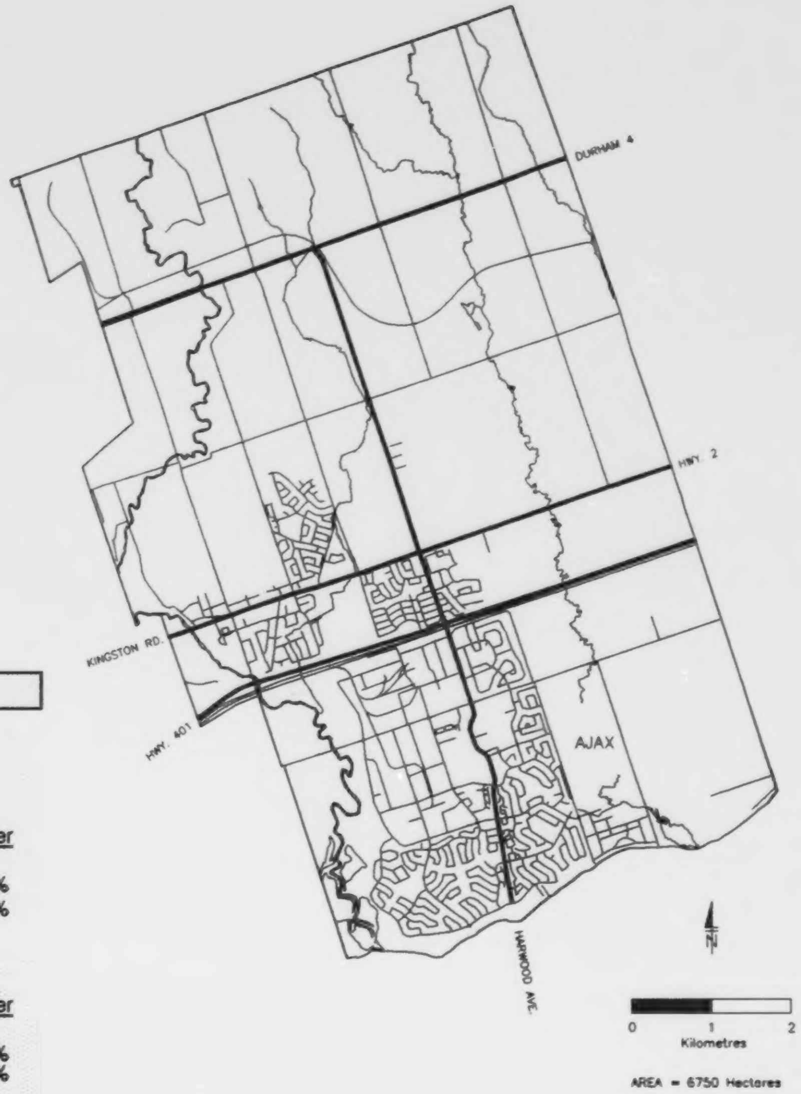
Daily Trips per Person (one-way) = 2.32
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 21

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	16,100	49%	37%	0%	4%	10%
24 hours	72,500	17%	13%	4%	49%	17%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	16,100	65%	21%	14%	0%
24 hours	72,500	75%	13%	12%	0%
Average Trip Length (km)		11.5	12.1		

Percentage of trips made within district: 6 - 9 am = 46%
24 hours = 48%

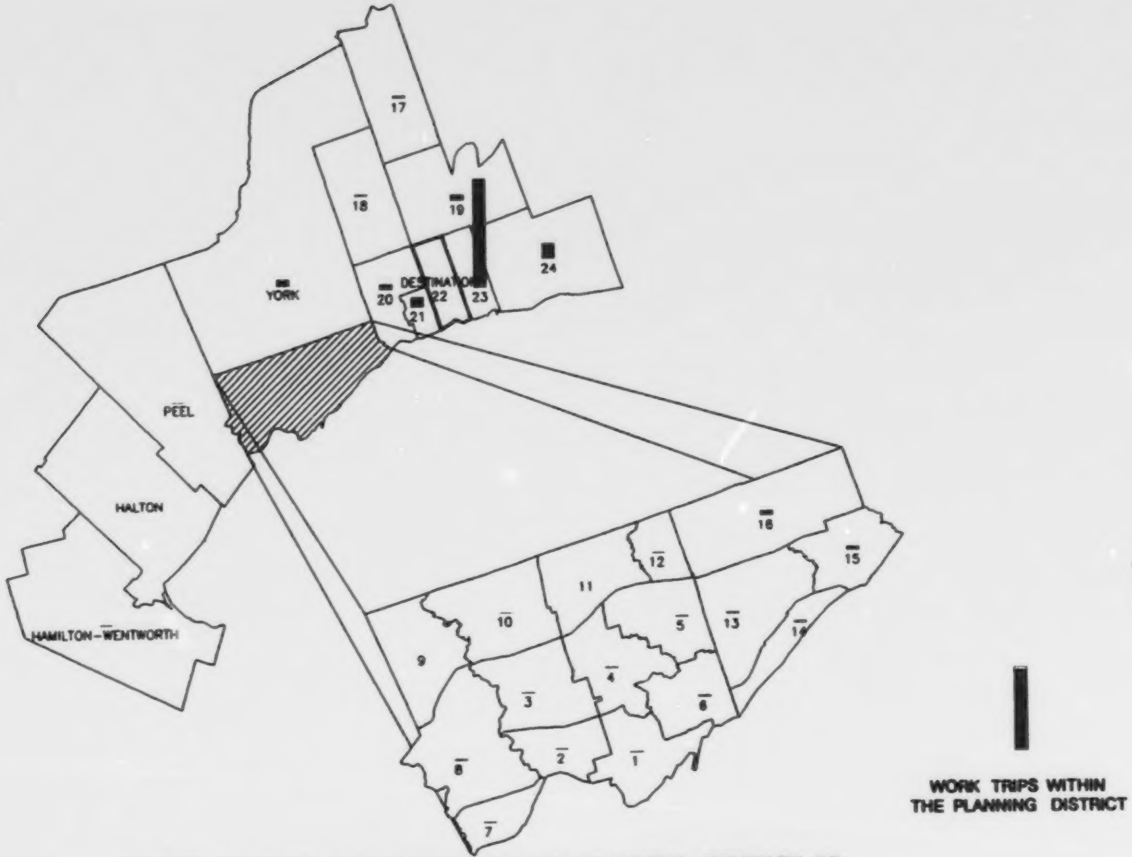


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 22: TOWN OF WHITBY

24 - HOUR WORK TRIPS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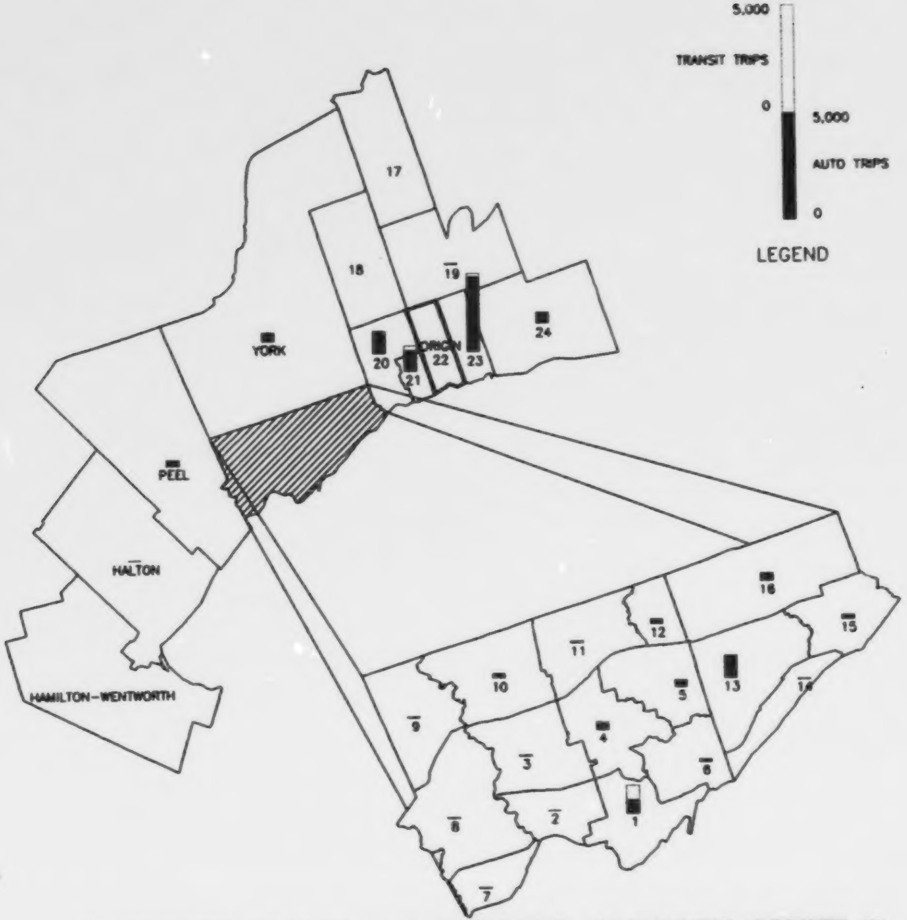
WORK TRIPS WITHIN THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 22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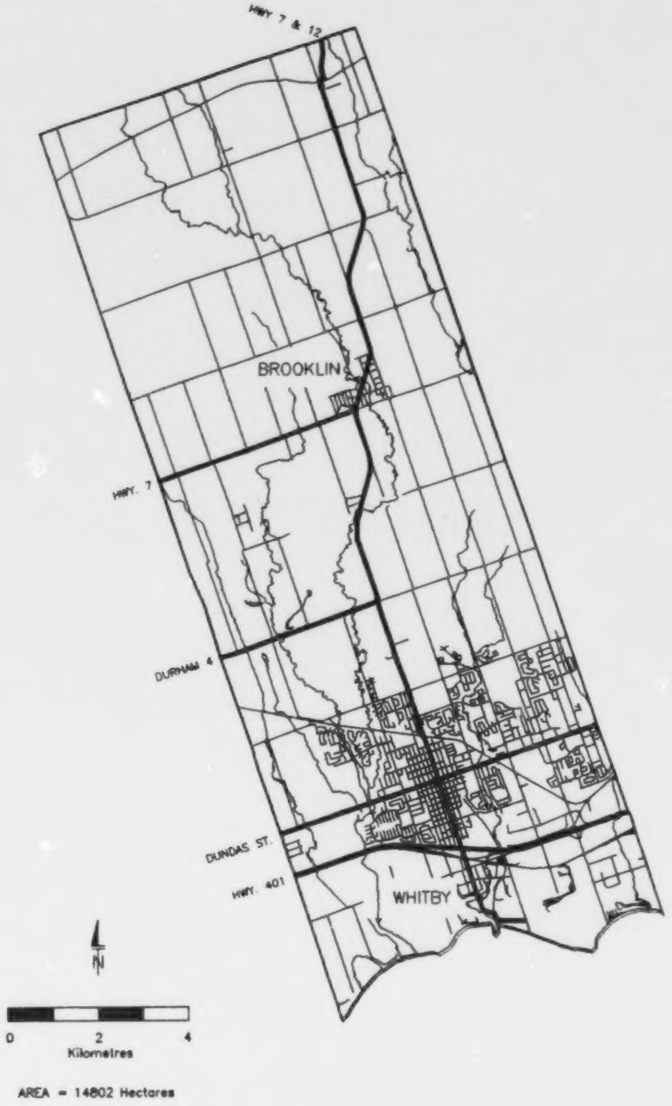
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 22

PLANNING DISTRICT 22: TOWN OF WHITBY

REGIONAL MUNICIPALITY OF DURHAM



AREA = 14802 Hectares

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 14,600

Dwelling Type	House	Apartment/Other			
	83%	17%			
Household Size (persons)	1	2	3	4	5+
	12%	27%	19%	30%	12%
No. of Available Vehicles	0	1	2	3	4+
	4%	33%	49%	10%	4%

Statistics
Persons per Household = 3.06
Employees per Household = 1.51
Drivers per Household = 1.91
Vehicles per Household = 1.79

TOTAL POPULATION: 44,800

	Male	Female	Total
Population:	21,900	22,900	44,800
Employment Status:			
Full Time	58%	28%	43%
Part Time	3%	13%	8%
Student	22%	24%	23%
Age: Average = 30.0			
00 - 05	11%	10%	10%
06 - 15	18%	19%	19%
16 - 64	66%	64%	65%
65 - 98	5%	7%	6%
Licensed Drivers:	69%	59%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 22

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	22,000	61%	23%	0%	4%	12%
24 hours	105,200	19%	9%	8%	42%	22%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	22,000	76%	15%	9%	0%
24 hours	105,200	82%	10%	7%	1%
Average Trip Length (km)		12.4	11.7		

Daily Trips per Person (one-way) = 2.35
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO PLANNING DISTRICT 22

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	16,500	57%	24%	0%	5%	14%
24 hours	94,900	15%	8%	8%	47%	22%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	16,500	77%	10%	13%	0%
24 hours	94,900	83%	9%	8%	0%
Average Trip Length (km)		10.2	8.2		

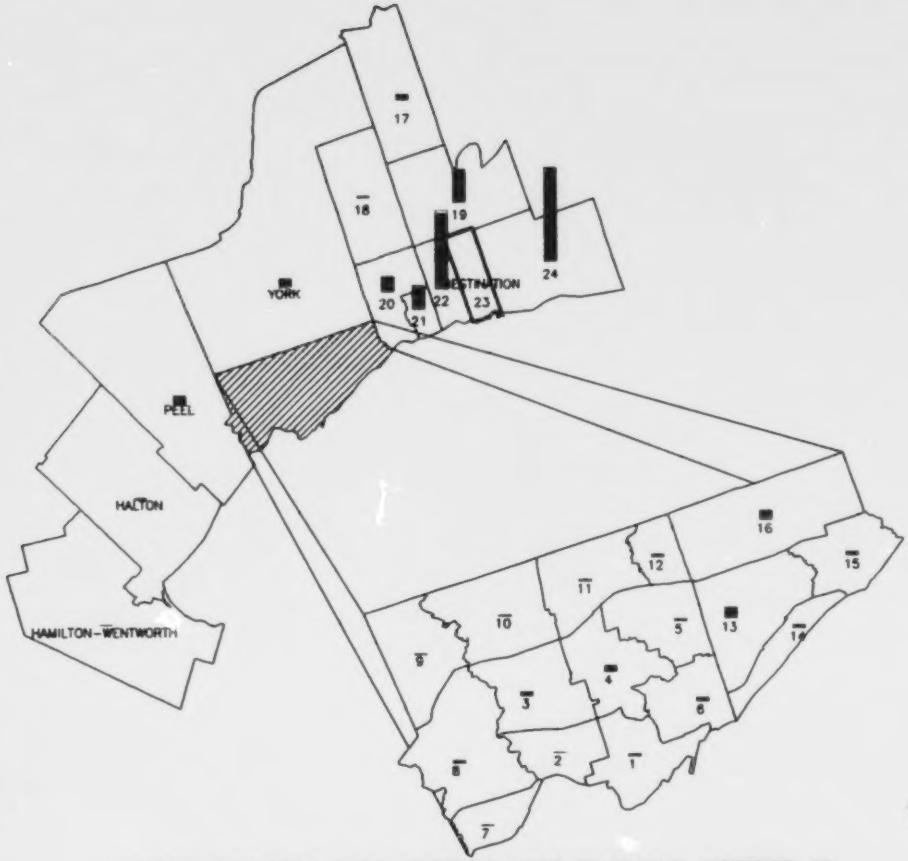
Percentage of trips made within district: 6 - 9 am = 53%
24 hours = 53%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 23: CITY OF OSHAWA

24 - HOUR WORK TRIPS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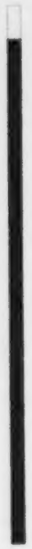
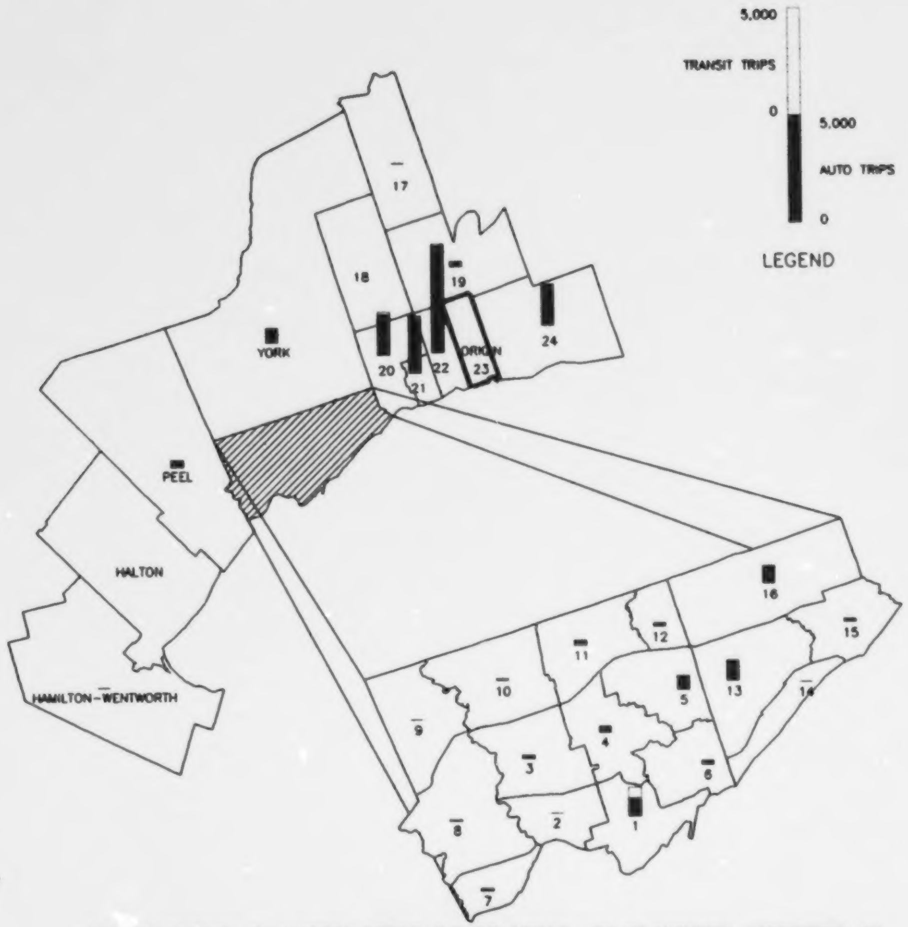
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 23



WORK TRIPS WITHIN THE PLANNING DISTRICT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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 23

PLANNING DISTRICT 23: CITY OF OSHAWA

REGIONAL MUNICIPALITY OF DURHAM

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 42,000

Dwelling Type	House	Apartment/Other			
	76%	24%			
Household Size (persons)	1	2	3	4	5+
	16%	29%	21%	23%	11%
No. of Available Vehicles	0	1	2	3	4+
	6%	43%	40%	8%	3%

Statistics
Persons per Household = 2.86
Employees per Household = 1.46
Drivers per Household = 1.82
Vehicles per Household = 1.59

TOTAL POPULATION: 119,900

	Male	Female	Total
Population:	59,500	60,400	119,900
Employment Status:			
Full Time	59%	29%	44%
Part Time	4%	12%	8%
Student	19%	21%	20%
Age: Average = 32.2			
00 - 05	9%	8%	8%
06 - 15	14%	15%	15%
16 - 64	71%	68%	70%
65 - 98	6%	9%	7%
Licensed Drivers:	72%	58%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 23

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	56,100	60%	24%	1%	4%	11%
24 hours	281,200	19%	8%	9%	43%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	56,100	78%	9%	13%	0%
24 hours	281,200	83%	6%	10%	1%
Average Trip Length (km)		9.4	9.8		

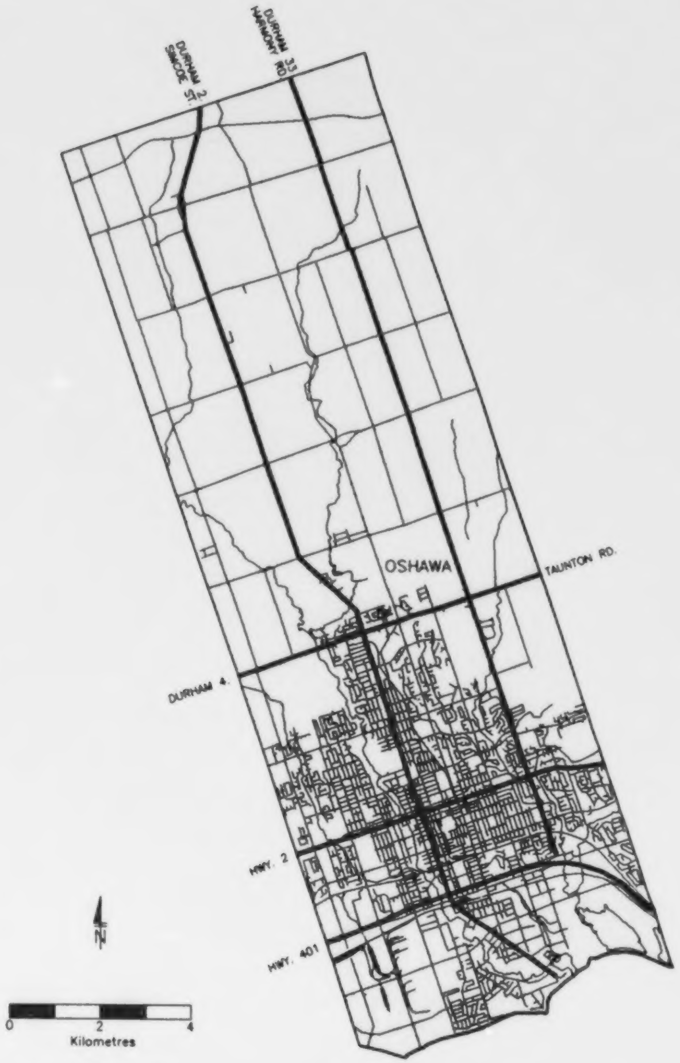
Daily Trips per Person (one-way) = 2.34
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO PLANNING DISTRICT 23

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	53,500	56%	26%	1%	4%	13%
24 hours	281,200	18%	9%	10%	42%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	53,500	78%	8%	14%	0%
24 hours	281,200	83%	6%	10%	1%
Average Trip Length (km)		8.2	7.1		

Percentage of trips made within district: 6 - 9 am = 72%
24 hours = 75%



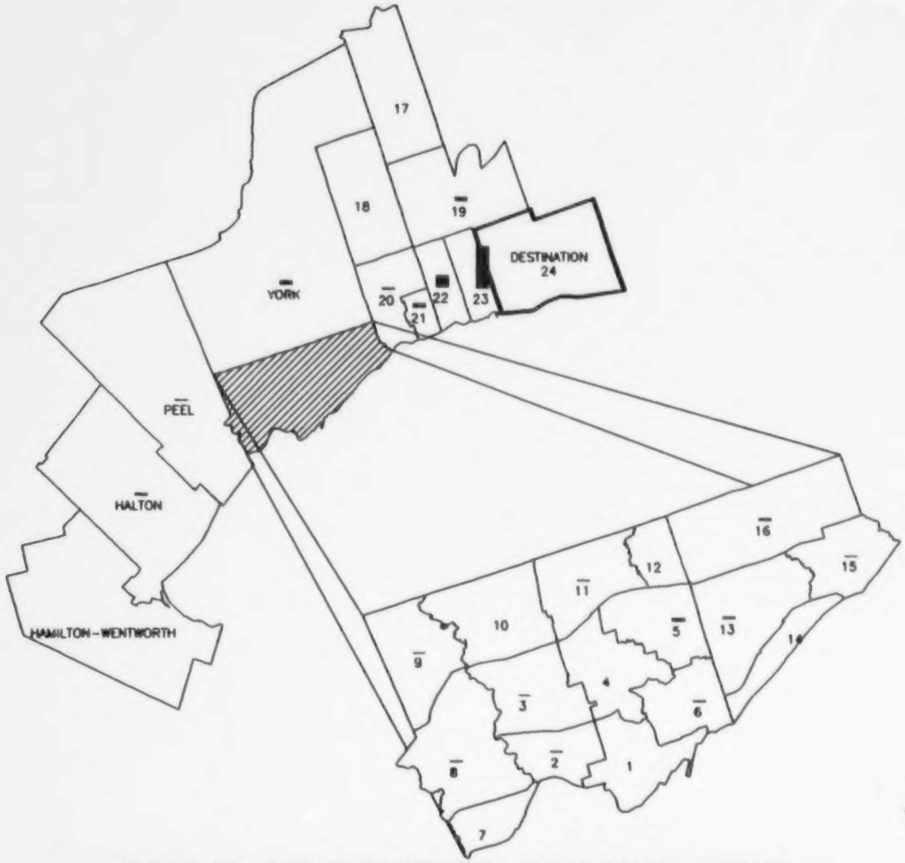
AREA = 14560 Hectares

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 24: TOWN OF NEWCASTLE

24 - HOUR WORK TRIPS


17
18
19
DESTINATION 24
YORK
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21
22
23
PEEL
HALTON
HAMILTON-WENTWORTH
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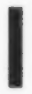
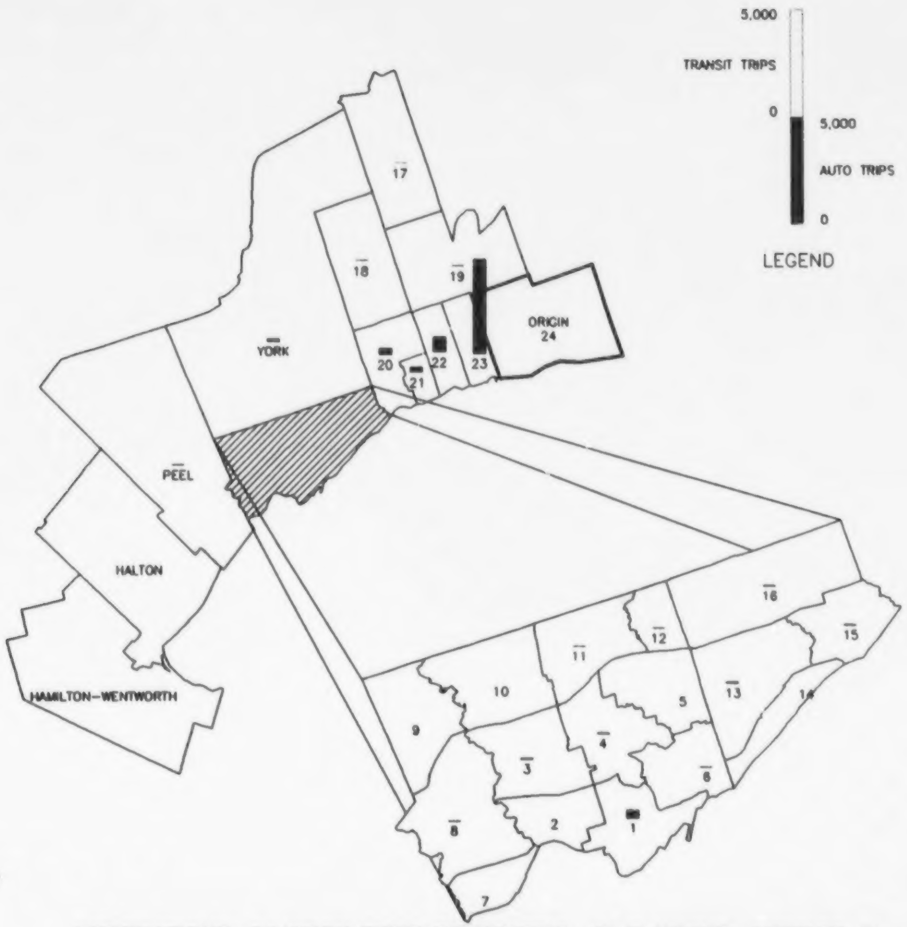
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 24



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
17
18
19
ORIGIN 24
YORK
20
21
22
23
PEEL
HALTON
HAMILTON-WENTWORTH
16
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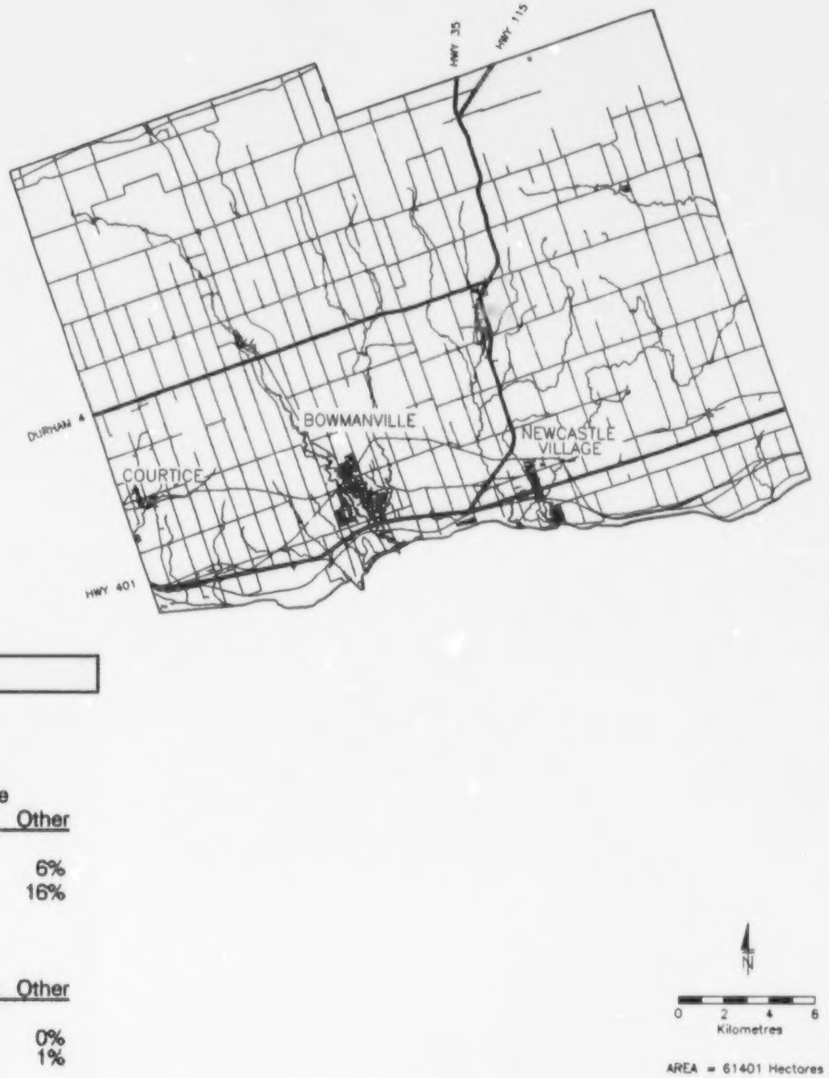
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 24

PLANNING DISTRICT 24: TOWN OF NEWCASTLE

REGIONAL MUNICIPALITY OF DURHAM



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 11,000

Dwelling Type	House	Apartment/Other
	90%	10%

Household Size (persons)	1	2	3	4	5+
	11%	30%	20%	28%	11%

No. of Available Vehicles	0	1	2	3	4+
	5%	32%	46%	13%	4%

Statistics
Persons per Household = 3.01
Employees per Household = 1.45
Drivers per Household = 2.02
Vehicles per Household = 1.80

TOTAL POPULATION: 33,000

	Male	Female	Total
Population:	16,600	16,400	33,000
Employment Status:			
Full Time	55%	25%	40%
Part Time	3%	14%	9%
Student	21%	20%	21%
Age: Average = 33.9			
00 - 05	8%	7%	8%
06 - 15	15%	14%	15%
16 - 64	69%	70%	69%
65 - 98	8%	9%	8%
Licensed Drivers:	72%	65%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 24

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	14,400	58%	29%	1%	3%	9%
24 hours	70,600	19%	9%	9%	43%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	14,400	75%	13%	12%	0%
24 hours	70,600	84%	7%	9%	0%
Average Trip Length (km)		15.2	12.4		

Daily Trips per Person (one-way) = 2.14
Daily Work Trips per Employed Person = 0.74

TRIPS MADE TO PLANNING DISTRICT 24

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	11,300	55%	34%	1%	4%	6%
24 hours	58,000	16%	10%	6%	52%	16%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	11,300	68%	17%	15%	0%
24 hours	58,000	80%	9%	10%	1%
Average Trip Length (km)		13.7	12.5		

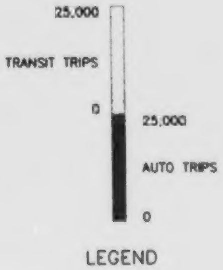
Percentage of trips made within district: 6 - 9 am = 66%
24 hours = 63%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

REGIONAL MUNICIPALITY OF YORK

24 - HOUR WORK TRIPS


25,000
TRANSIT TRIPS
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25,000
AUTO TRIPS
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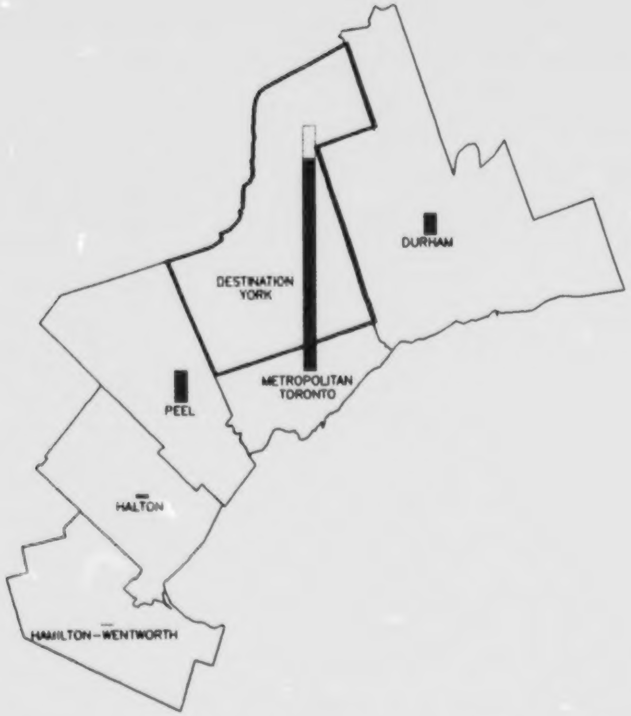
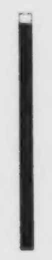
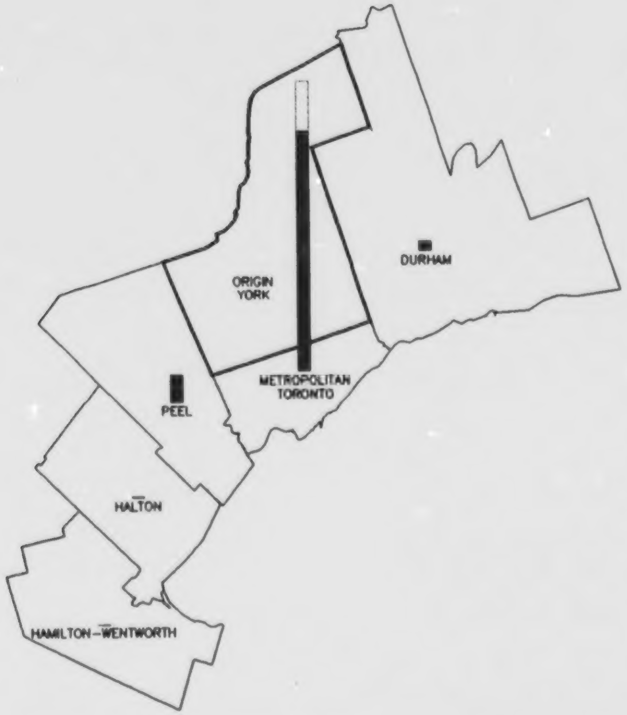
LEGEND


DESTINATION YORK
DURHAM
PEEL
METROPOLITAN TORONTO
HALTON
HAMILTON-WENTWORTH

ORIGINS OF WORK TRIPS DESTINED FOR YORK REGION



WORK TRIPS WITHIN THE REGION


ORIGIN YORK
DURHAM
PEEL
METROPOLITAN TORONTO
HALTON
HAMILTON-WENTWORTH

DESTINATIONS OF WORK TRIPS ORIGINATING IN YORK REGION

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 106,000

Dwelling Type	House	Apartment/Other			
	90%	10%			
Household Size (persons)	1	2	3	4	5+
	8%	26%	21%	28%	17%
No. of Available Vehicles	0	1	2	3	4+
	3%	28%	51%	12%	6%

Statistics
Persons per Household = 3.25
Employees per Household = 1.69
Drivers per Household = 2.09
Vehicles per Household = 1.90

TOTAL POPULATION: 344,900

	Male	Female	Total
Population:	169,600	175,300	344,900
Employment Status:			
Full Time	56%	33%	44%
Part Time	4%	11%	8%
Student	22%	22%	22%
Age: Average = 30.5			
00 - 05	9%	9%	9%
06 - 15	18%	17%	17%
16 - 64	68%	68%	68%
65 - 98	5%	6%	6%
Licensed Drivers:	69%	60%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF YORK REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	178,500	63%	25%	0%	2%	10%
24 hours	763,000	21%	10%	7%	43%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	178,500	74%	18%	8%	0%
24 hours	763,000	80%	13%	7%	0%

Average Trip Length (km) 12.9 12.2

Daily Trips per Person (one-way) = 2.21
Daily Work Trips per Employed Person = 0.79

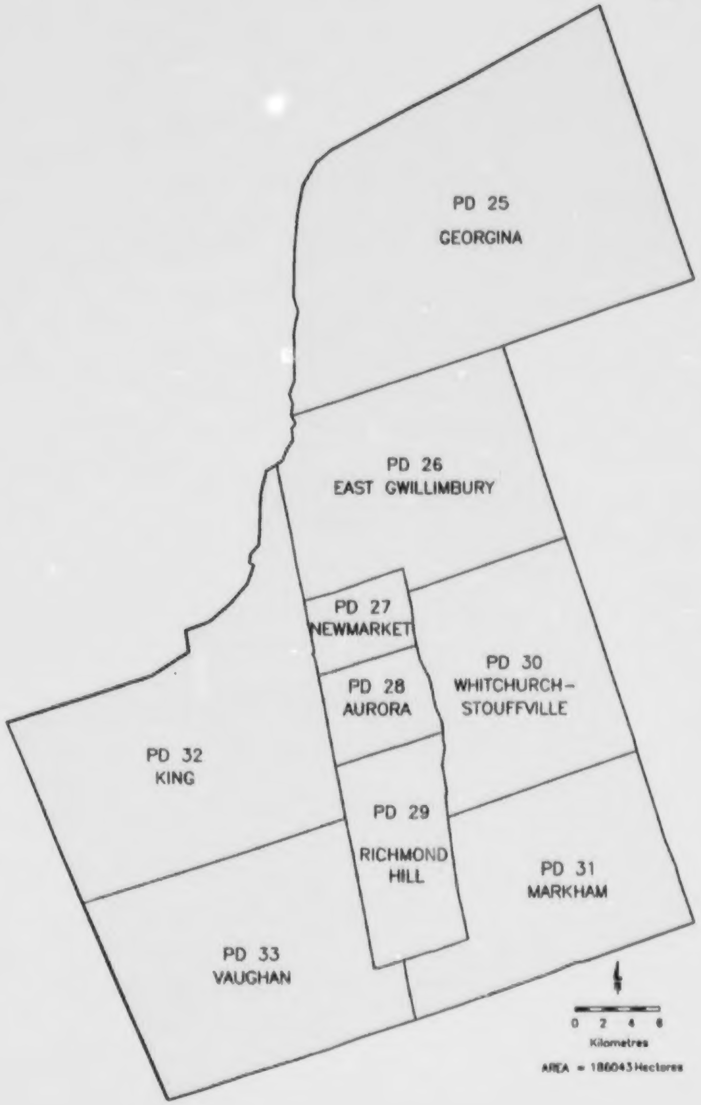
TRIPS MADE TO YORK REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	156,000	65%	23%	0%	3%	9%
24 hours	722,200	22%	8%	7%	45%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	156,000	76%	15%	9%	0%
24 hours	722,200	81%	12%	7%	0%

Average Trip Length (km) 11.9 10.2

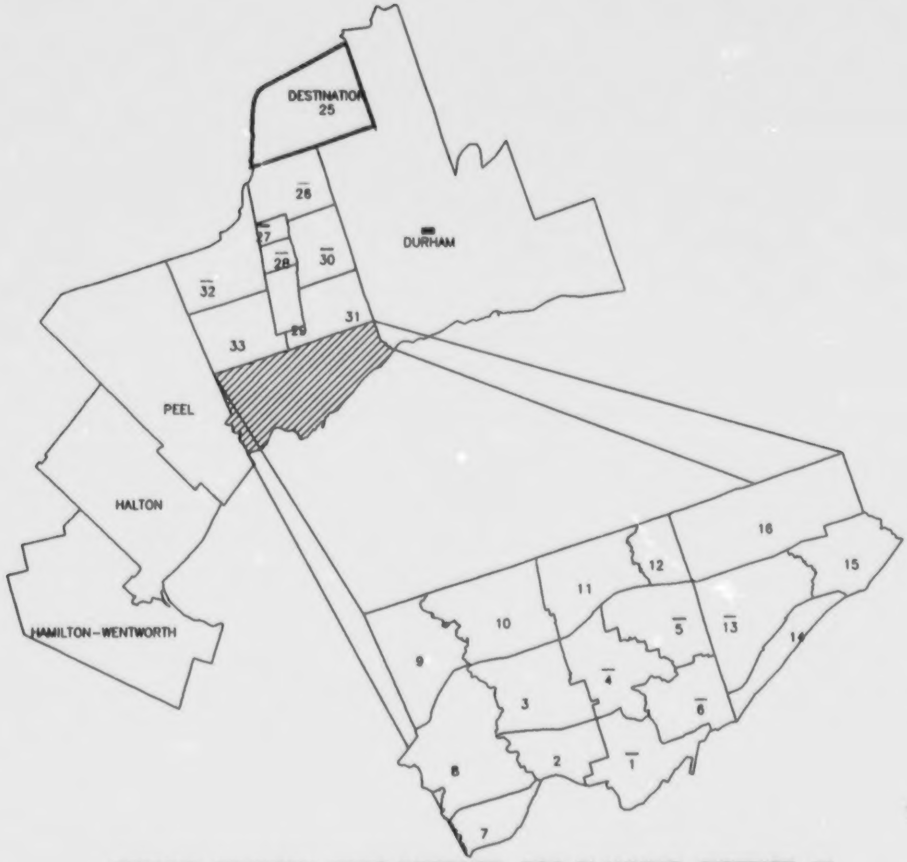
Percentage of trips made within district: 6 - 9 am = 58%
24 hours = 63%


PD 25
GEORGINA
PD 26
EAST GWILLIMBURY
PD 27
NEWMARKET
PD 28
AURORA
PD 30
WHITCHURCH-STOUFFVILLE
PD 32
KING
PD 29
RICHMOND HILL
PD 31
MARKHAM
PD 33
VAUGHAN
0 2 4 6
Kilometres
AREA = 186043 Hectares

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 25: TOWN OF GEORGINA

24 - HOUR WORK TRIPS


DESTINATION 25
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DURHAM
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PEEL
HALTON
HAMILTON-WENTWORTH
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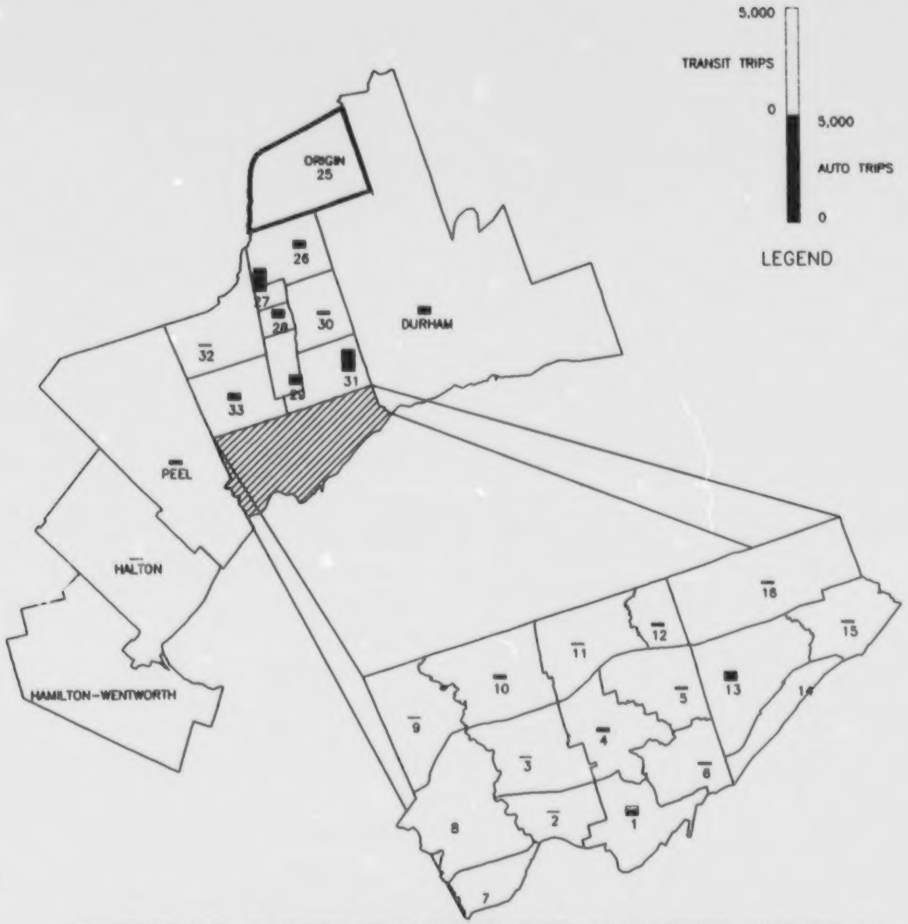
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 25

WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
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LEGEND
ORIGIN 25
26
27
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DURHAM
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PEEL
HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 25

PLANNING DISTRICT 25: TOWN OF GEORGINA

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 8,700

Dwelling Type	House	Apartment/Other
	94%	6%

Household Size (persons)	1	2	3	4	5+
	14%	33%	19%	20%	14%

No. of Available Vehicles	0	1	2	3	4+
	4%	35%	43%	14%	4%

Statistics
Persons per Household = 2.90
Employees per Household = 1.35
Drivers per Household = 1.89
Vehicles per Household = 1.79

TOTAL POPULATION: 25,200

	Male	Female	Total
Population:	12,600	12,600	25,200
Employment Status:			
Full Time	54%	30%	42%
Part Time	2%	10%	6%
Student	21%	20%	20%
Age: Average = 33.4			
00 - 05	9%	8%	9%
06 - 15	17%	15%	16%
16 - 64	64%	65%	64%
65 - 98	10%	12%	11%
Licensed Drivers:	71%	62%	66%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 25

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	10,500	63%	22%	1%	2%	12%
24 hours	51,700	22%	9%	7%	43%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	10,500	76%	18%	6%	0%
24 hours	51,700	82%	14%	3%	1%
Average Trip Length (km)		23.0	12.9		

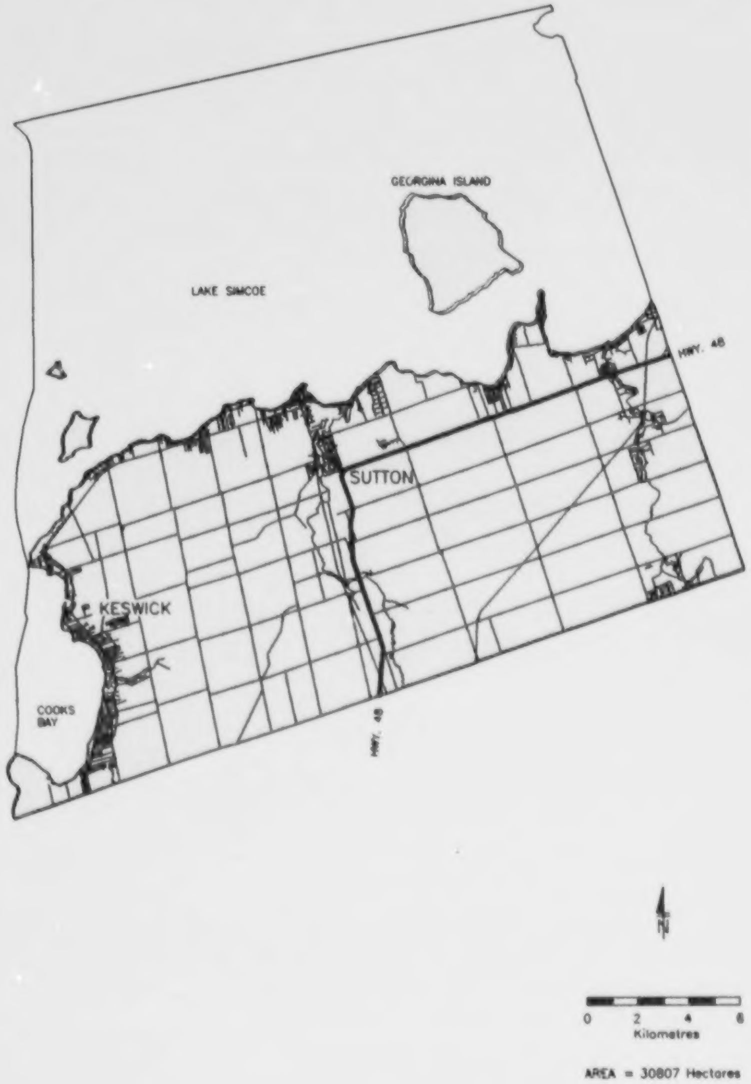
Daily Trips per Person (one-way) = 2.06
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 25

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	5,300	43%	39%	1%	4%	13%
24 hours	39,800	11%	11%	6%	55%	17%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	5,300	62%	27%	11%	0%
24 hours	39,800	79%	16%	4%	1%
Average Trip Length (km)		19.1	9.9		

Percentage of trips made within district:
6 - 9 am = 83%
24 hours = 67%

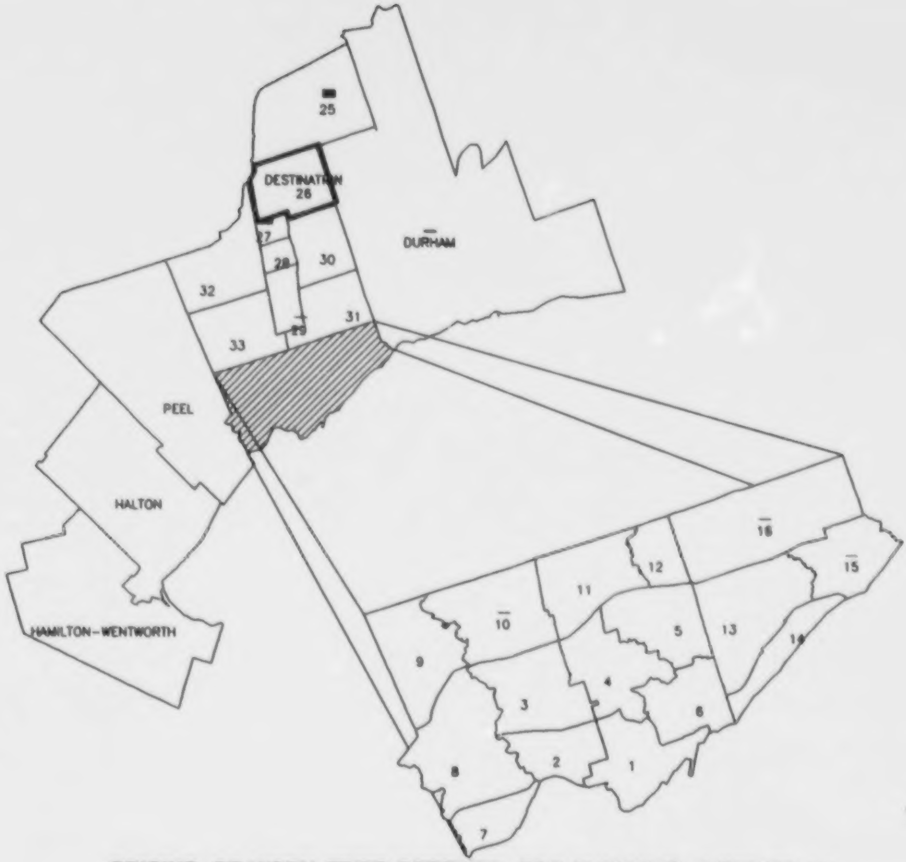


TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 26: TOWN OF EAST GWILLIMBURY

24 - HOUR WORK TRIPS


25
DESTINATION
26
27
28
29
30
31
32
33
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
16
15
12
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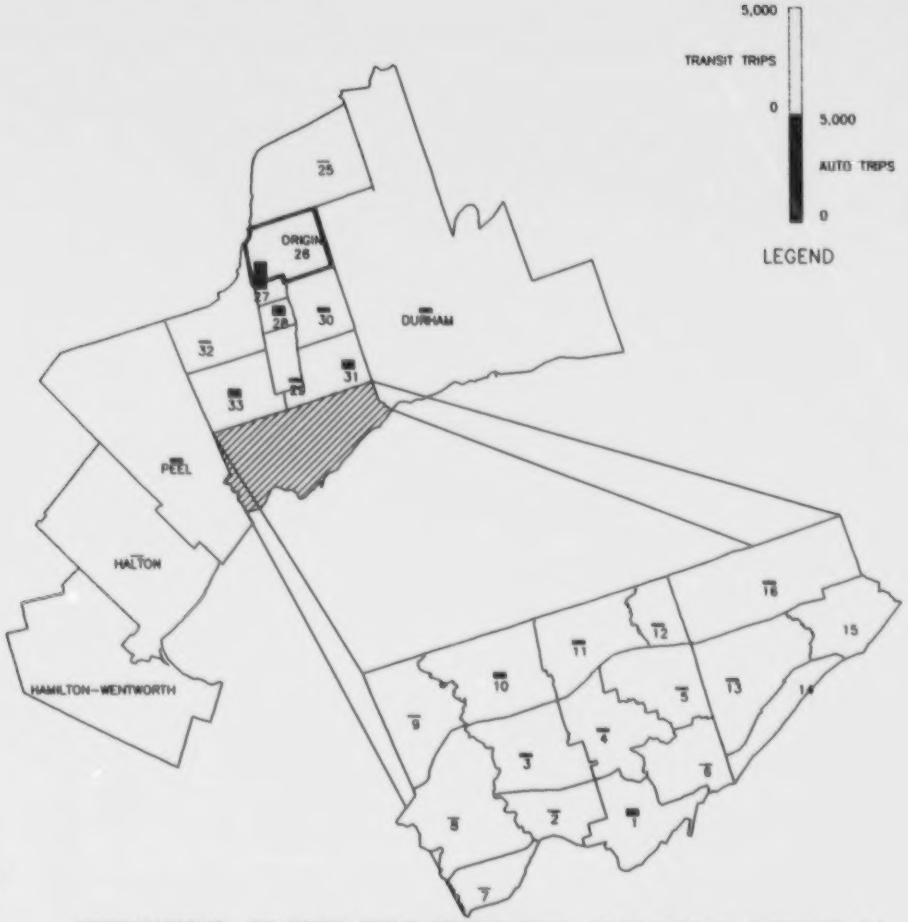
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 26

▬ WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
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ORIGIN
26
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28
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30
31
32
33
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
16
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 26

PLANNING DISTRICT 26: TOWN OF EAST GWILLIMBURY

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,300

Dwelling Type	House 95%	Apartment/Other 5%			
Household Size (persons)	1	2	3	4	5+
	4%	32%	22%	28%	14%
No. of Available Vehicles	0	1	2	3	4+
	1%	22%	47%	21%	9%

Statistics
Persons per Household = 3.20
Employees per Household = 1.70
Drivers per Household = 2.13
Vehicles per Household = 2.16

TOTAL POPULATION: 13,900

	Male	Female	Total
Population:	6,900	7,000	13,900
Employment Status:			
Full Time	64%	32%	48%
Part Time	2%	13%	8%
Student	22%	22%	22%
Age: Average = 31.7			
00 - 05	7%	9%	8%
06 - 15	17%	17%	17%
16 - 64	70%	70%	70%
65 - 98	6%	4%	5%
Licensed Drivers:	71%	68%	69%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 28

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	7,200	67%	23%	1%	1%	8%
24 hours	31,700	22%	9%	7%	42%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	7,200	78%	16%	6%	0%
24 hours	31,700	84%	12%	4%	0%
Average Trip Length (km)		19.5	13.6		

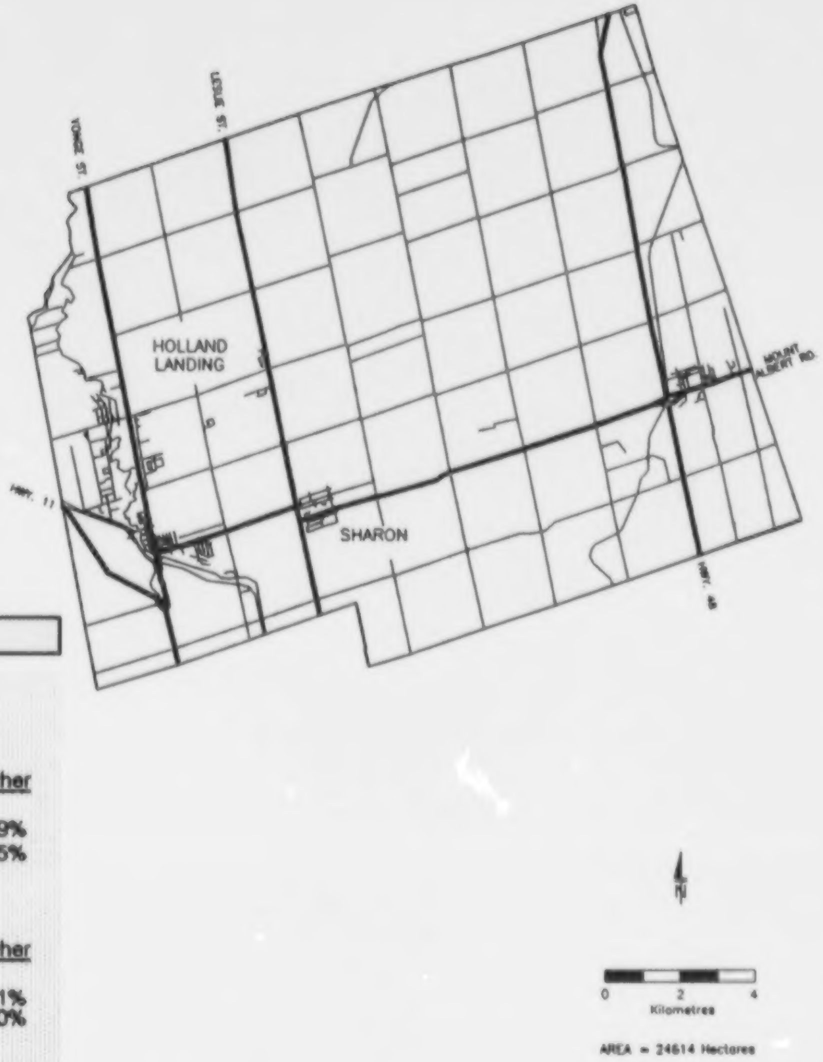
Daily Trips per Person (one-way) = 2.27
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 26

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	2,200	41%	37%	0%	3%	19%
24 hours	19,500	8%	7%	2%	68%	15%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	2,200	63%	17%	19%	1%
24 hours	19,500	81%	13%	6%	0%
Average Trip Length (km)		17.2	11.5		

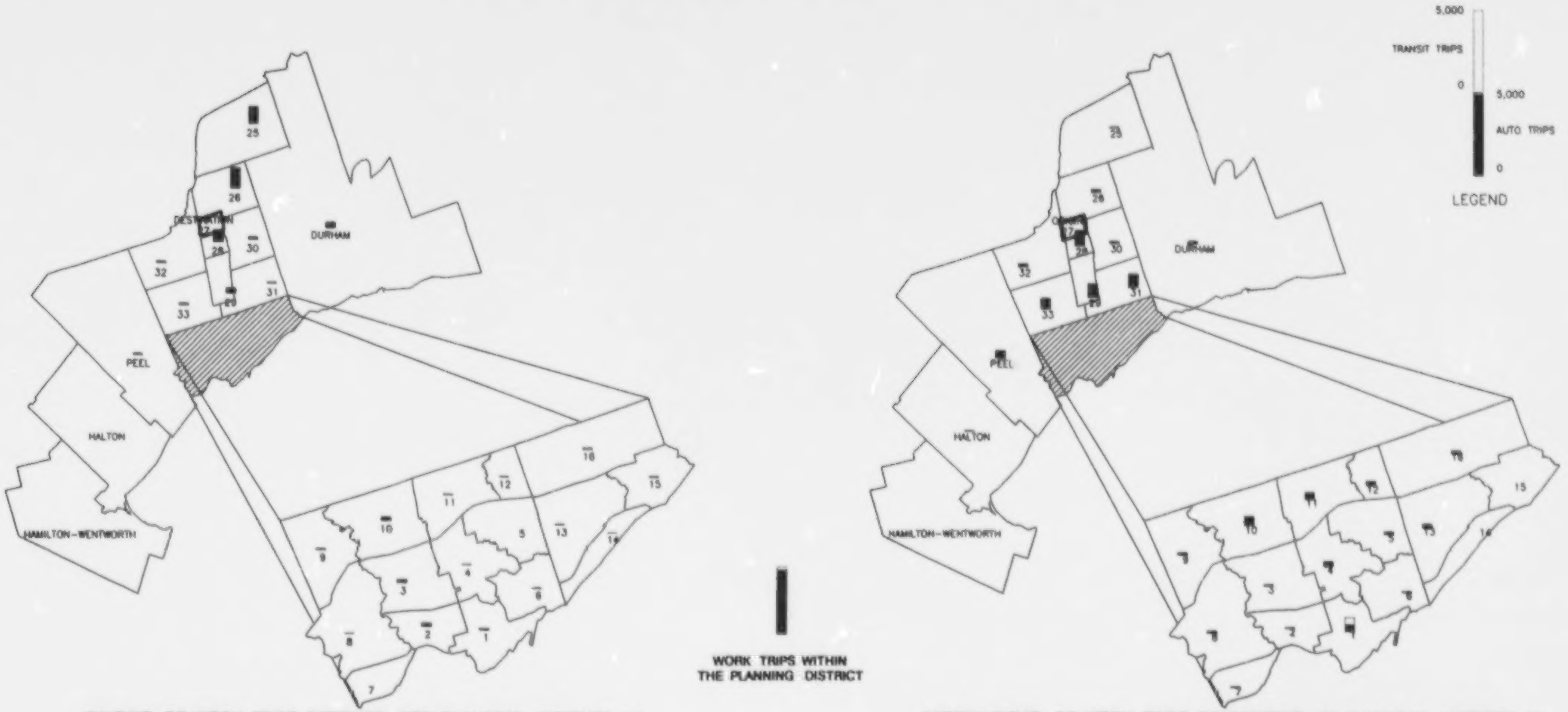
Percentage of trips made within district: 6 - 9 am = 53%
24 hours = 30%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 27: TOWN OF NEWMARKET

24 - HOUR WORK TRIPS


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
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LEGEND
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26
DESTINATION
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DURHAM
32
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PEEL
HALTON
HAMILTON-WENTWORTH
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ORIGIN
WORK TRIPS WITHIN THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 27

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 27

PLANNING DISTRICT 27: TOWN OF NEWMARKET

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 10,700

Dwelling Type	House	Apartment/Other
	88%	12%

Household Size (persons)	1	2	3	4	5+
	9%	27%	21%	30%	13%

No. of Available Vehicles	0	1	2	3	4+
	5%	32%	51%	9%	3%

Statistics
Persons per Household = 3.17
Employees per Household = 1.66
Drivers per Household = 1.94
Vehicles per Household = 1.74

TOTAL POPULATION: 33,900

	Male	Female	Total
Population:	16,600	17,300	33,900
Employment Status:			
Full Time	57%	33%	45%
Part Time	5%	13%	9%
Student	24%	22%	23%
Age: Average = 30.1			
00 - 05	8%	9%	9%
06 - 15	20%	18%	19%
16 - 64	67%	66%	66%
65 - 98	5%	7%	6%
Licensed Drivers:	66%	59%	63%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 27

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	18,200	62%	22%	1%	4%	11%
24 hours	78,100	21%	9%	8%	43%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	18,200	77%	9%	14%	0%
24 hours	78,100	81%	8%	10%	1%
Average Trip Length (km)		13.4	14.5		

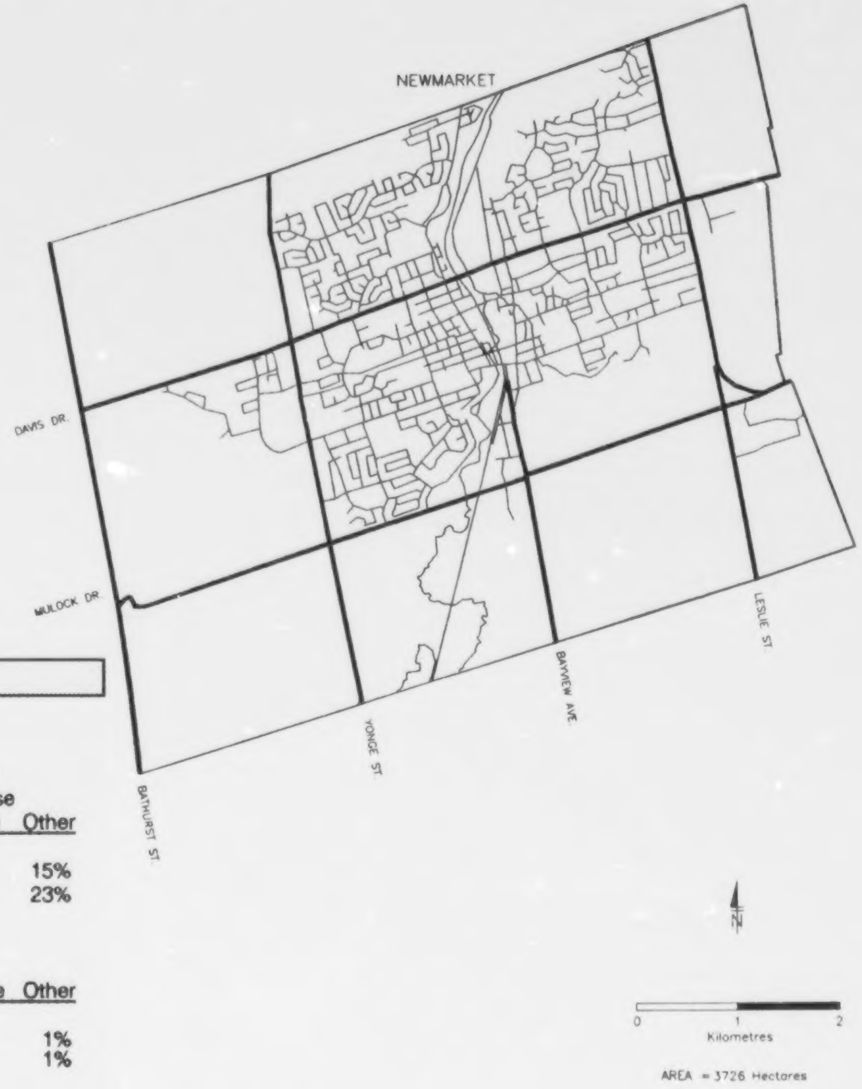
Daily Trips per Person (one-way) = 2.30
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 27

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	15,100	51%	29%	1%	4%	15%
24 hours	79,700	15%	9%	11%	42%	23%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	15,100	74%	10%	15%	1%
24 hours	79,700	82%	7%	10%	1%
Average Trip Length (km)		11.2	10.4		

Percentage of trips made within district: 6 - 9 am = 57%
24 hours = 60%

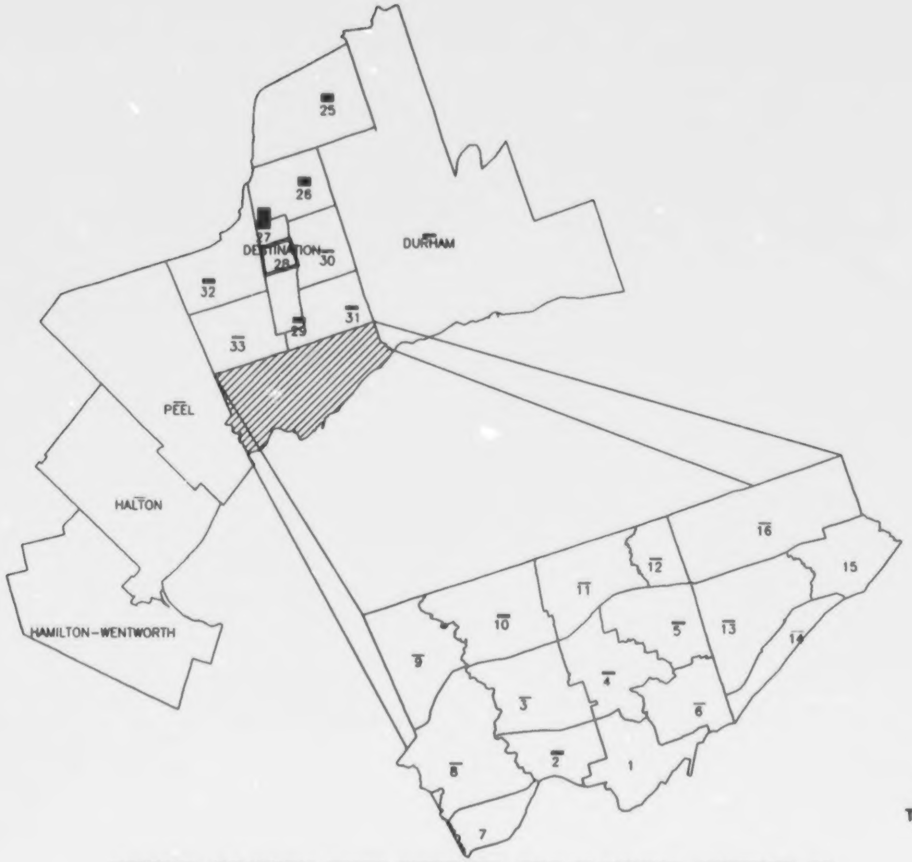


THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 28: TOWN OF AURORA

24 - HOUR WORK TRIPS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DESTINATION
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DURHAM
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PEEL
HALTON
HAMILTON–WENTWORTH
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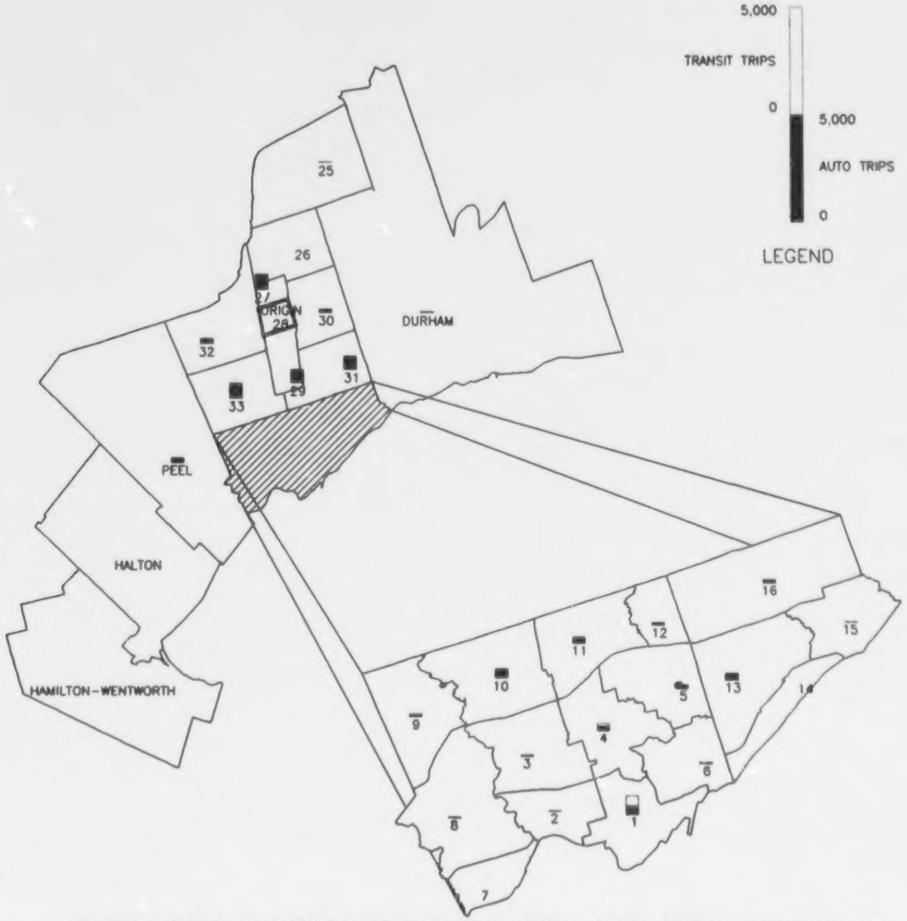
WORK TRIPS WITHIN
THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 28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TRANSIT TRIPS
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AUTO TRIPS
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 28

PLANNING DISTRICT 28: TOWN OF AURORA

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 6,700

Dwelling Type	House	Apartment/Other
	87%	13%

Household Size (persons)	1	2	3	4	5+
	11%	29%	27%	22%	11%

No. of Available Vehicles	0	1	2	3	4+
	5%	31%	48%	13%	3%

Statistics
Persons per Household = 2.97
Employees per Household = 1.64
Drivers per Household = 1.99
Vehicles per Household = 1.79

TOTAL POPULATION: 19,800

	Male	Female	Total
Population:	9,500	10,300	19,800
Employment Status:			
Full Time	66%	34%	49%
Part Time	4%	13%	8%
Student	16%	19%	17%
Age: Average = 32.4			
00 - 05	9%	9%	9%
06 - 15	10%	14%	12%
16 - 64	75%	70%	73%
65 - 98	6%	7%	6%
Licensed Drivers:	75%	65%	70%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 28

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	10,700	69%	17%	0%	4%	10%
24 hours	45,800	23%	7%	7%	42%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	10,700	78%	12%	9%	1%
24 hours	45,800	83%	9%	8%	0%
Average Trip Length (km)		13.4	22.7		

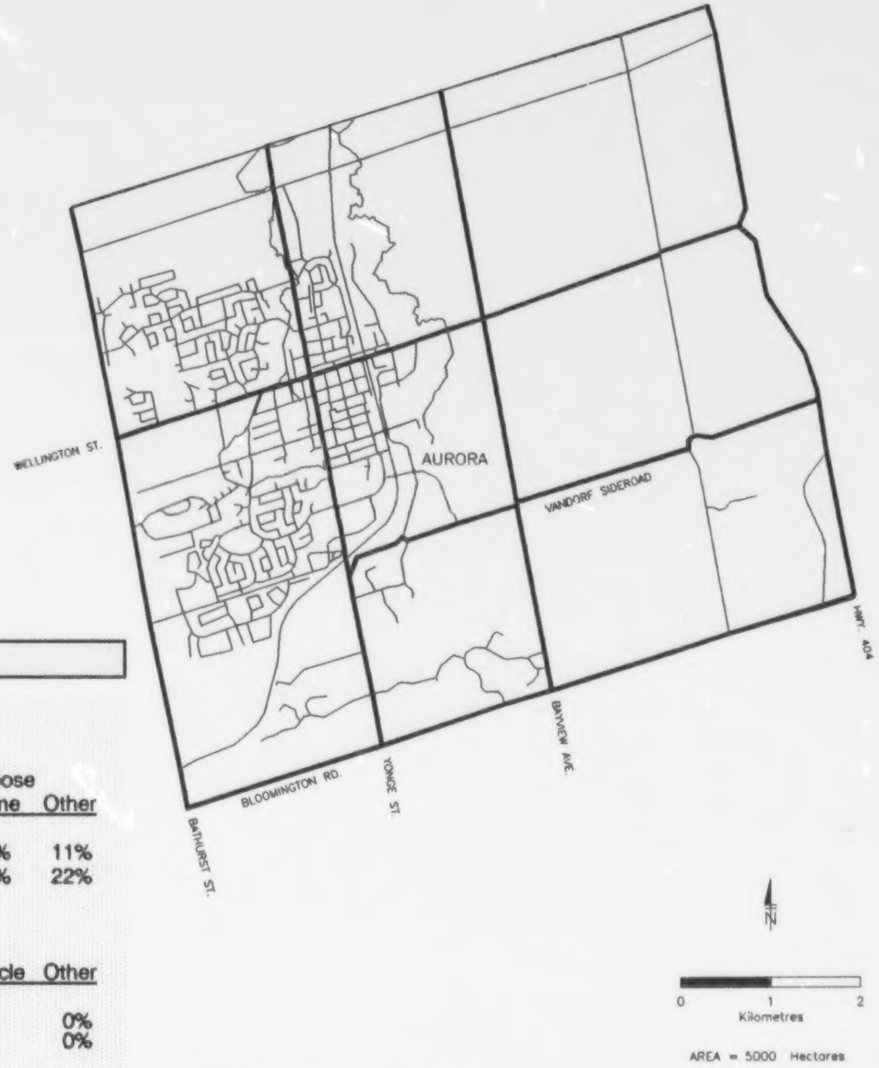
Daily Trips per Person (one-way) = 2.31
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 28

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	7,800	58%	26%	0%	5%	11%
24 hours	38,900	17%	8%	4%	49%	22%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	7,800	75%	11%	14%	0%
24 hours	38,900	82%	8%	10%	0%
Average Trip Length (km)		11.8	15.9		

Percentage of trips made within district: 6 - 9 am = 43%
24 hours = 46%

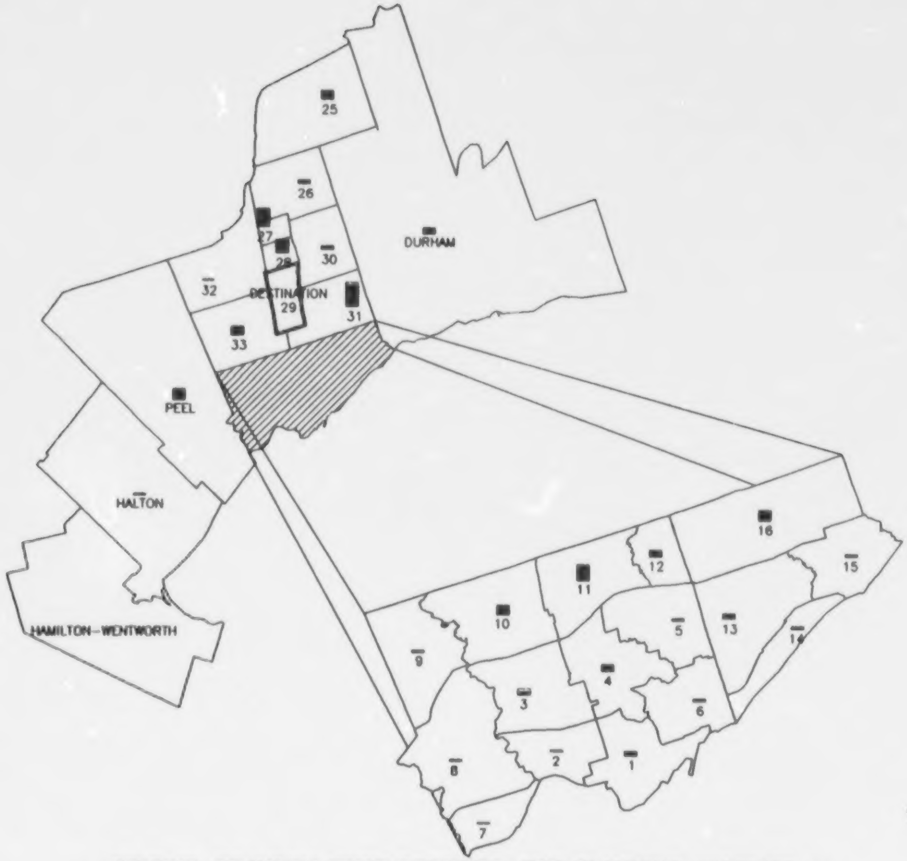


AREA = 5000 Hectares

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 29: TOWN OF RICHMOND HILL

24 - HOUR WORK TRIPS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27
28
30
DURHAM
32
DESTINATION
29
31
33
PEEL
HALTON
HAMILTON-WENTWORTH
16
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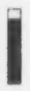
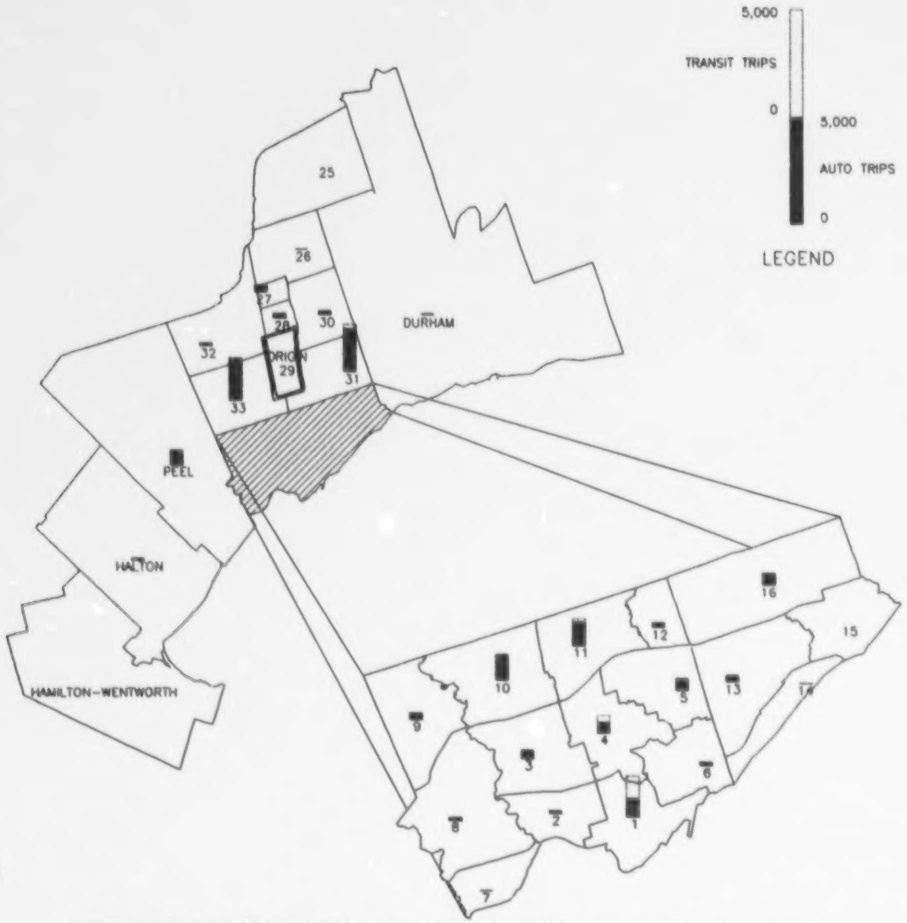
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 29



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
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LEGEND
25
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28
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DURHAM
32
ORIGIN
29
31
33
PEEL
HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 29

PLANNING DISTRICT 29: TOWN OF RICHMOND HILL

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 14,700

Dwelling Type	House 81%	Apartment/Other 19%			
Household Size (persons)	1 10%	2 31%	3 21%	4 23%	5+ 15%
No. of Available Vehicles	0 6%	1 30%	2 47%	3 11%	4+ 6%

Statistics
Persons per Household = 3.07
Employees per Household = 1.65
Drivers per Household = 2.03
Vehicles per Household = 1.84

TOTAL POPULATION: 45,200

	Male	Female	Total
Population:	22,100	23,100	45,200
Employment Status:			
Full Time	58%	36%	47%
Part Time	4%	12%	8%
Student	18%	20%	19%
Age: Average = 32.9			
00 - 05	9%	8%	8%
06 - 15	13%	14%	13%
16 - 64	72%	71%	71%
65 - 98	6%	7%	8%
Licensed Drivers:	74%	61%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 29

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	22,800	66%	23%	1%	2%	8%
24 hours	96,100	22%	9%	7%	44%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	22,800	74%	20%	6%	0%
24 hours	96,100	79%	15%	6%	0%
Average Trip Length (km)		11.6	11.8		

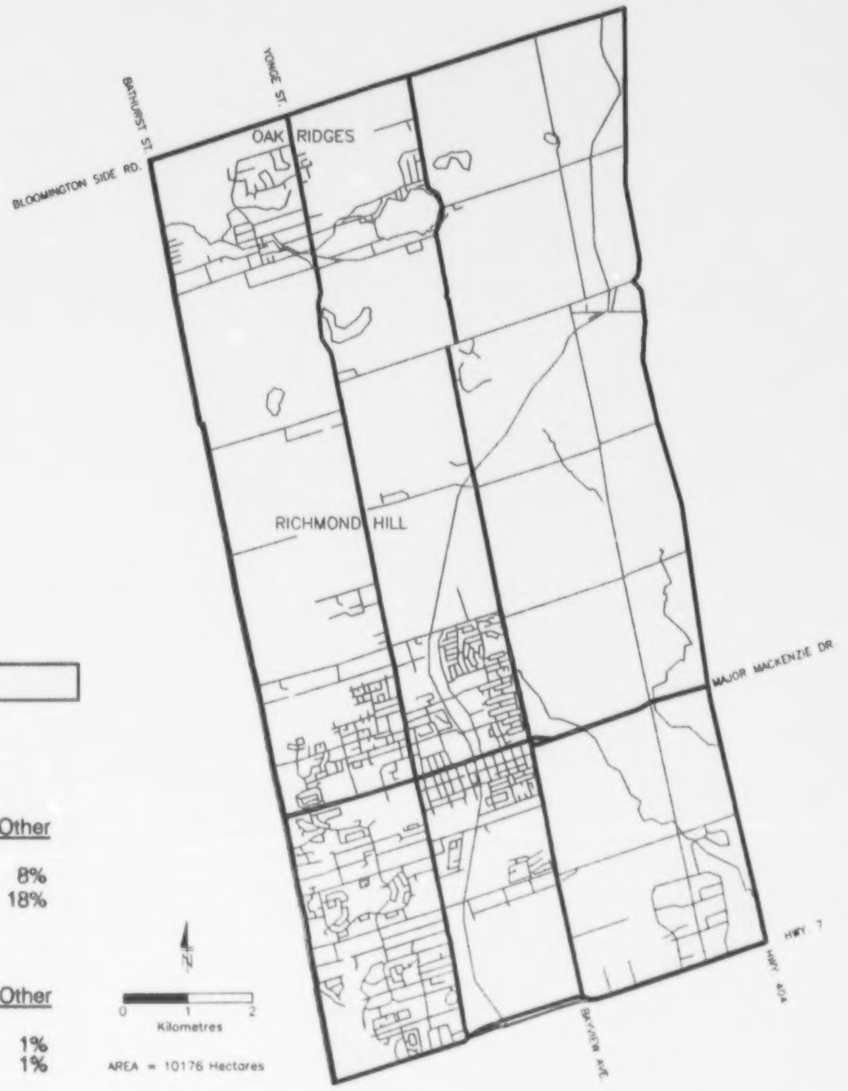
Daily Trips per Person (one-way) = 2.13
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 29

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	16,100	60%	27%	1%	4%	8%
24 hours	88,300	17%	9%	8%	48%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	16,100	73%	18%	8%	1%
24 hours	88,300	80%	13%	6%	1%
Average Trip Length (km)		10.9	9.9		

Percentage of trips made within district: 6 - 9 am = 40%
24 hours = 44%



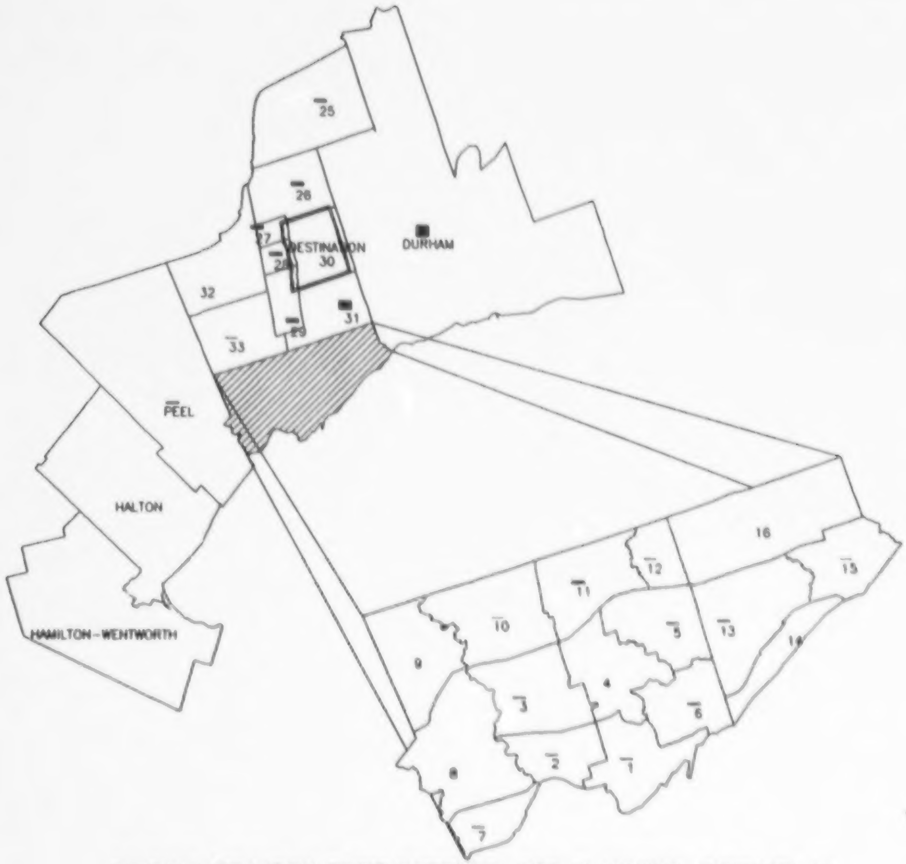
THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 30: TOWN OF WHITCHURCH-STOUFFVILLE

24-HOUR WORK TRIPS

5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND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26
27
28
DESTINATION 30
DURHAM
32
31
33
29
PEEL
HALTON
HAMILTON-WENTWORTH
16
12
11
15
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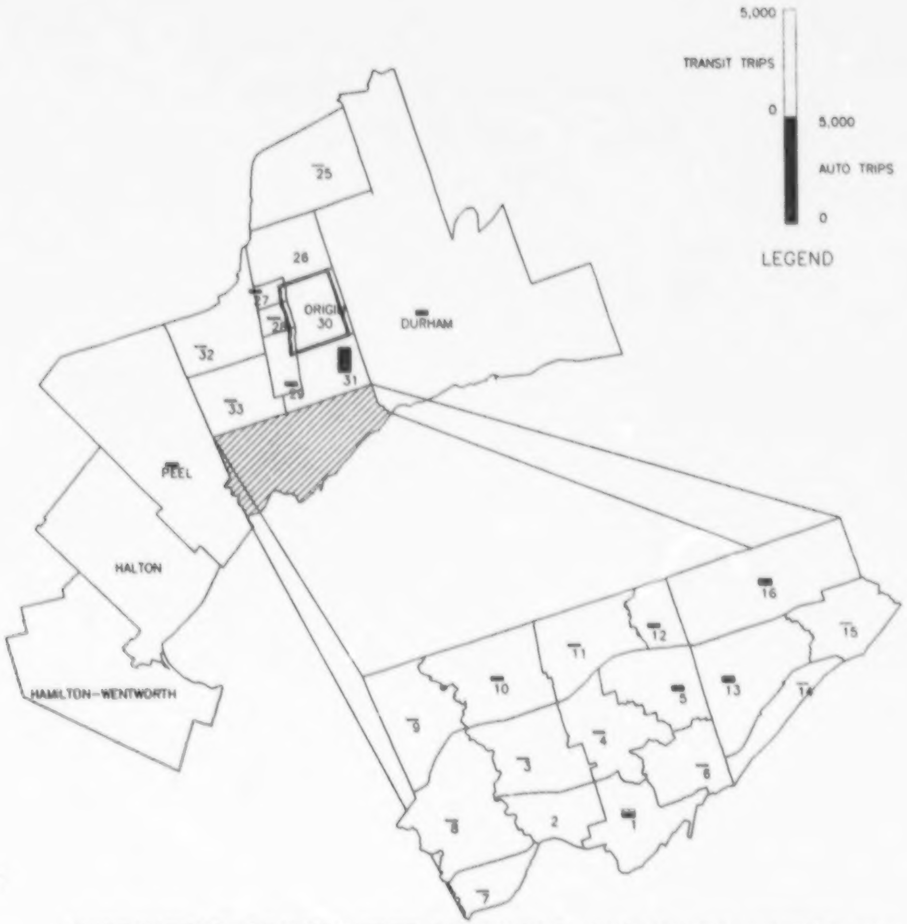
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 30

WORK TRIPS WITHIN THE PLANNING DISTRICT


25
26
27
28
ORIGIN 30
DURHAM
32
31
33
29
PEEL
HALTON
HAMILTON-WENTWORTH
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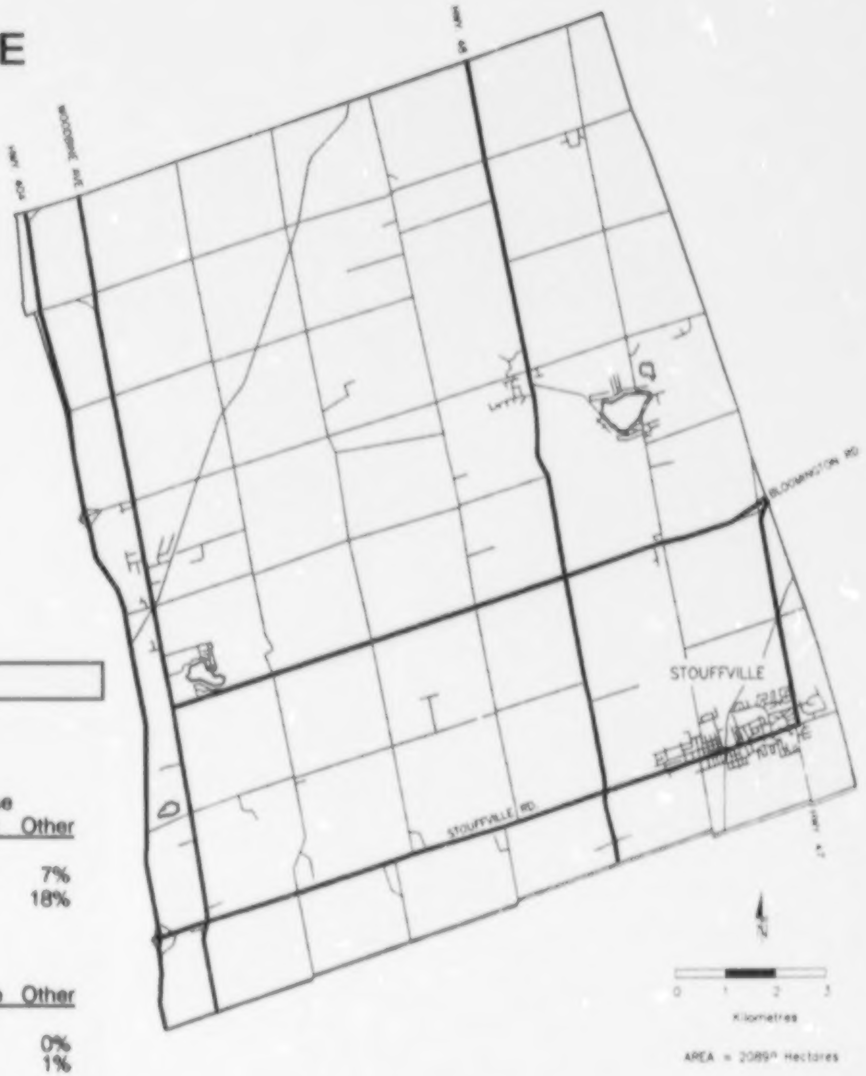
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 30

PLANNING DISTRICT 30: TOWN OF WHITCHURCH-STOUFFVILLE

REGIONAL MUNICIPALITY OF YORK



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,900

Dwelling Type	House	Apartment/Other			
	89%	11%			
Household Size (persons)	1	2	3	4	5+
	12%	29%	21%	26%	12%
No. of Available Vehicles	0	1	2	3	4+
	4%	23%	48%	19%	6%

Statistics
Persons per Household = 3.00
Employees per Household = 1.46
Drivers per Household = 2.06
Vehicles per Household = 2.02

TOTAL POPULATION: 14,600

	Male	Female	Total
Population:	7,400	7,200	14,600
Employment Status:			
Full Time	58%	29%	44%
Part Time	2%	10%	6%
Student	19%	20%	19%
Age: Average = 33.3			
00 - 05	9%	8%	8%
06 - 15	13%	16%	15%
16 - 64	72%	68%	70%
65 - 98	6%	8%	7%
Licensed Drivers:	76%	65%	70%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 30

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	7,100	62%	24%	0%	3%	11%
24 hours	32,600	21%	9%	8%	42%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	7,100	80%	13%	7%	0%
24 hours	32,600	85%	9%	6%	0%
Average Trip Length (km)		16.1	16.3		

Daily Trips per Person (one-way) = 2.23
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 30

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	4,400	60%	28%	1%	4%	7%
24 hours	26,800	16%	8%	7%	51%	18%

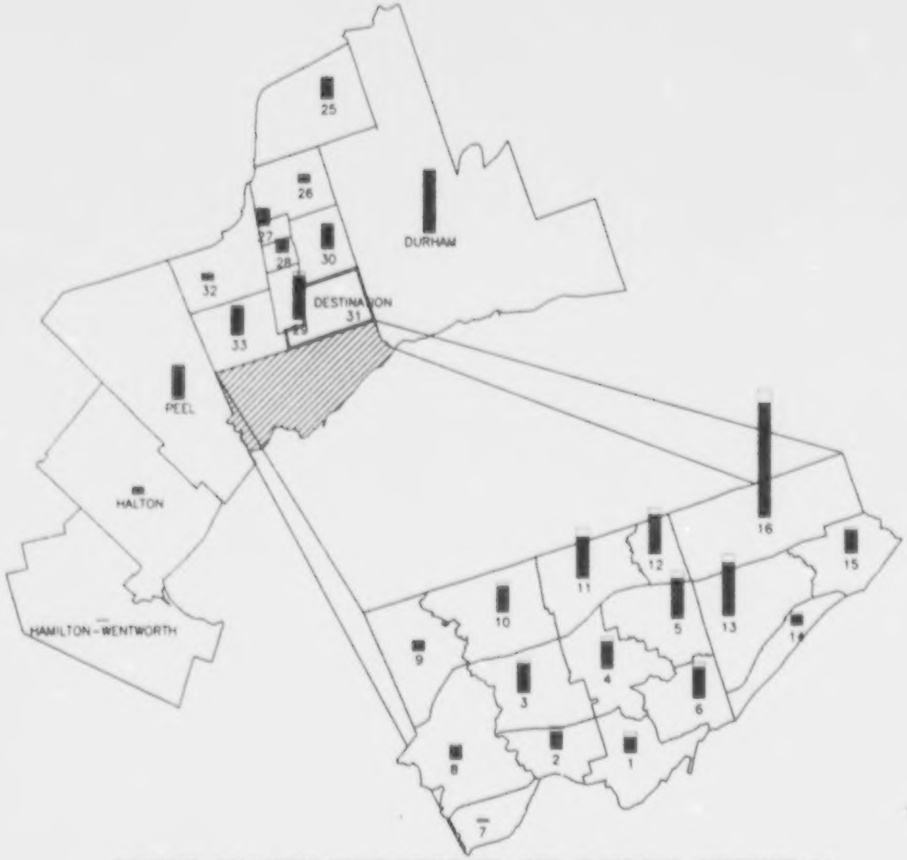
Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	4,400	75%	13%	12%	0%
24 hours	26,800	84%	8%	7%	1%
Average Trip Length (km)		15.3	11.8		

Percentage of trips made within district: 6 - 9 am = 49%
24 hours = 43%

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 31: TOWN OF MARKHAM

24 - HOUR WORK TRIPS


25
26
27
28
30
DURHAM
32
33
29
DESTINATION
31
PEEL
HALTON
HAMILTON - WENTWORTH
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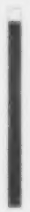
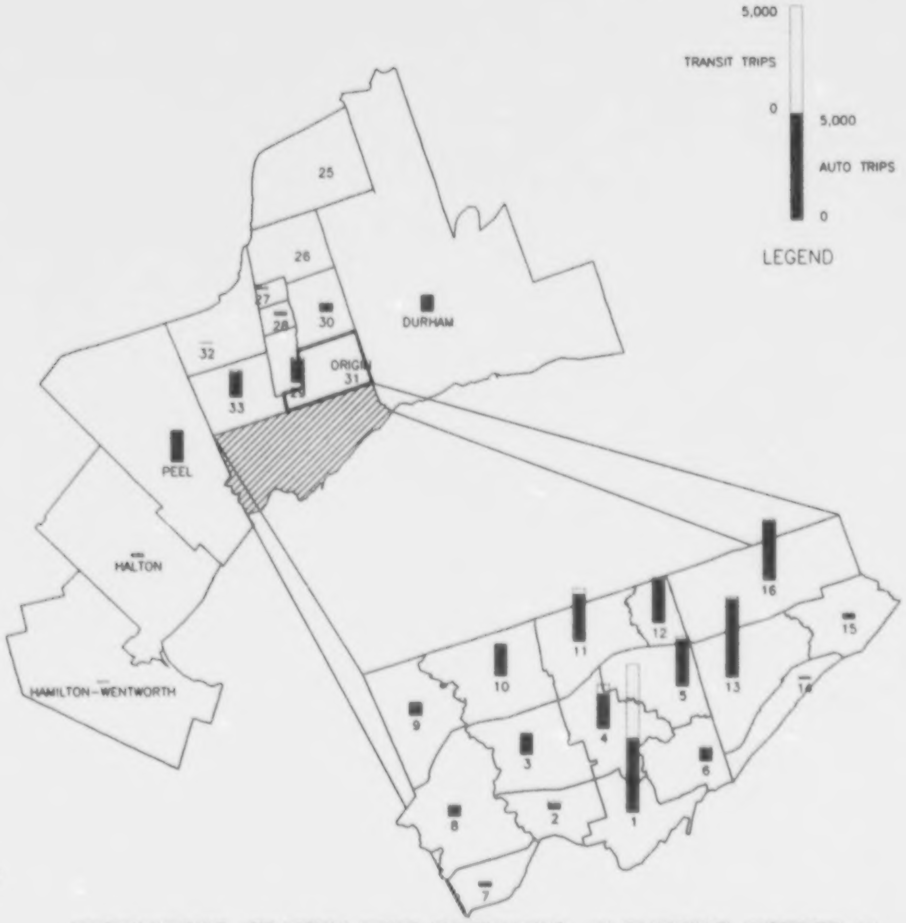
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 31



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
0
LEGEND
25
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27
28
30
DURHAM
32
33
29
ORIGIN
31
PEEL
HALTON
HAMILTON - WENTWORTH
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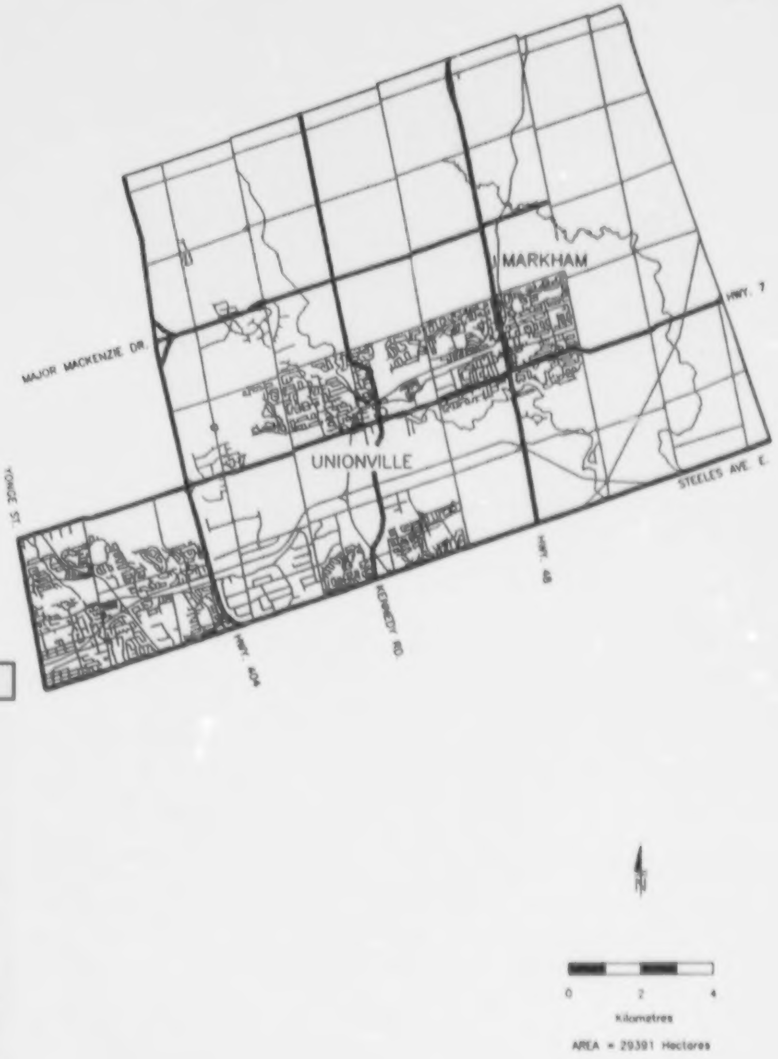
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 31

PLANNING DISTRICT 31: TOWN OF MARKHAM

REGIONAL MUNICIPALITY OF YORK



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 33,500

Dwelling Type	House	Apartment/Other
	90%	10%

Household Size (persons)	1	2	3	4	5+
	7%	23%	21%	31%	18%

No. of Available Vehicles	0	1	2	3	4+
	3%	26%	55%	11%	5%

Statistics
Persons per Household = 3.35
Employees per Household = 1.73
Drivers per Household = 2.13
Vehicles per Household = 1.90

TOTAL POPULATION: 112,100

	Male	Female	Total
Population:	54,800	57,300	112,100
Employment Status:			
Full Time	56%	33%	44%
Part Time	4%	12%	8%
Student	26%	23%	25%
Age: Average = 30.9			
00 - 05	8%	9%	8%
06 - 15	19%	17%	18%
16 - 64	68%	69%	68%
65 - 98	5%	5%	6%
Licensed Drivers:	69%	61%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 31

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	59,200	59%	28%	0%	2%	11%
24 hours	257,700	20%	11%	7%	43%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	59,200	71%	19%	10%	0%
24 hours	257,700	78%	13%	8%	1%
Average Trip Length (km)		10.4	10.9		

Daily Trips per Person (one-way) = 2.30
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 31

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	60,900	67%	23%	0%	2%	8%
24 hours	259,500	23%	9%	7%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	60,900	76%	14%	10%	0%
24 hours	259,500	80%	12%	8%	0%
Average Trip Length (km)		10.3	9.2		

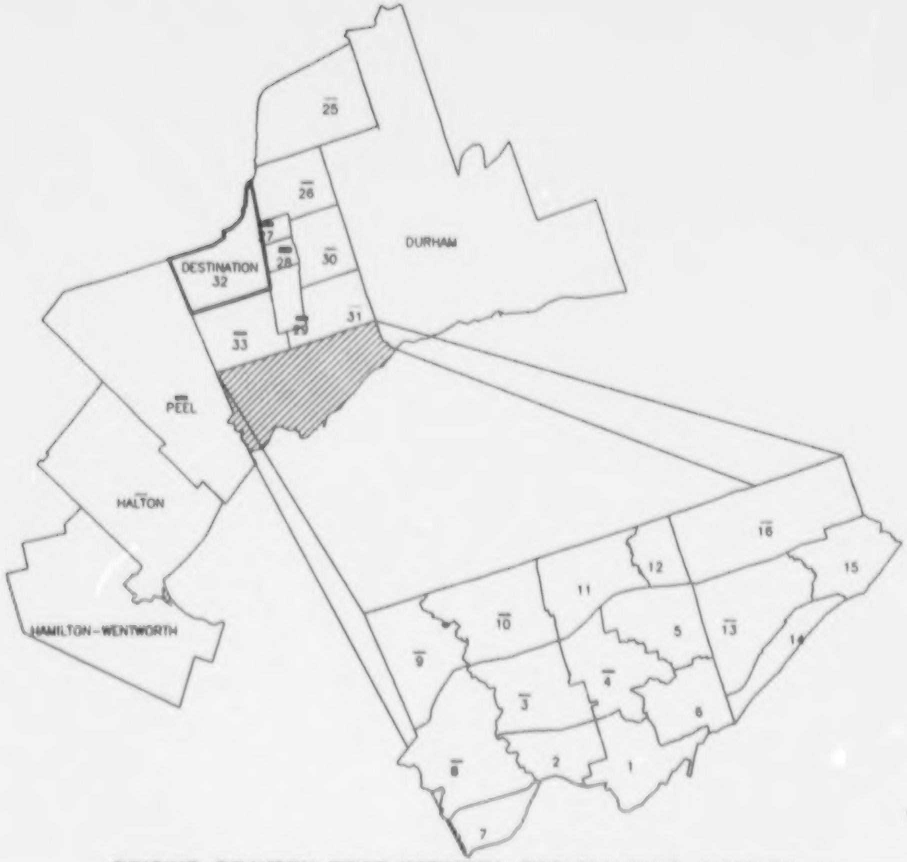
Percentage of trips made within district: 6 - 9 am = 35%
24 hours = 45%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 32: TOWNSHIP OF KING

24 - HOUR WORK TRIPS


25
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33
DESTINATION 32
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
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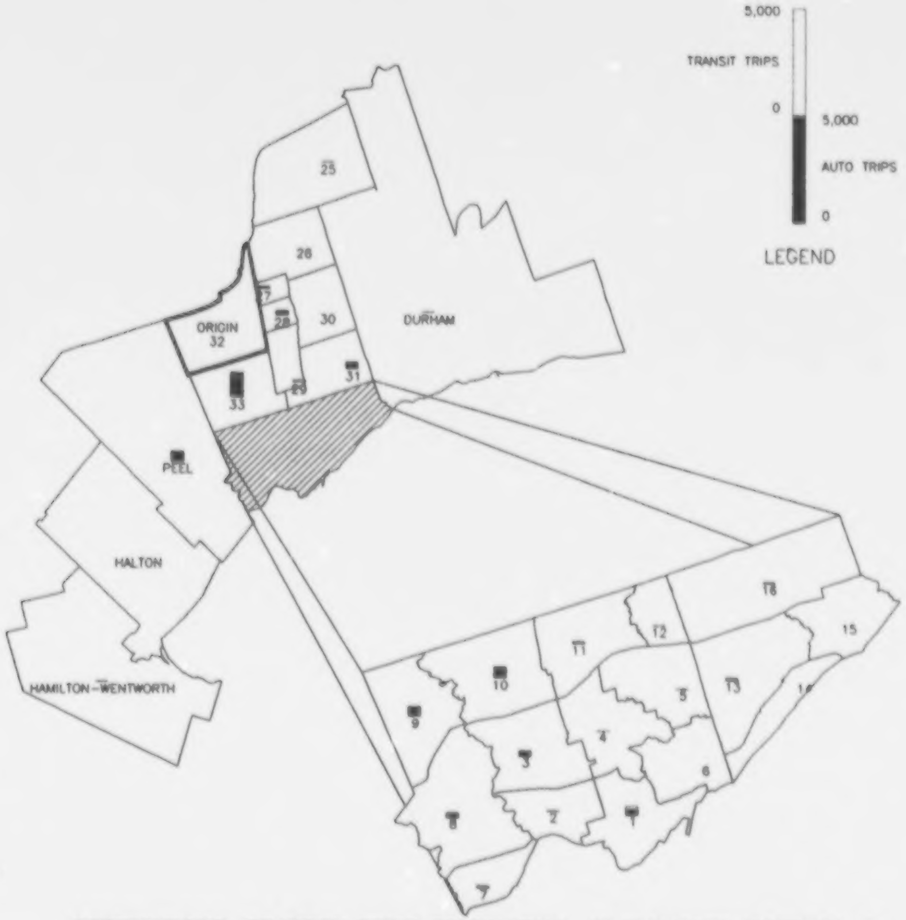
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 32

▬ WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
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LEGEND
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26
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31
29
33
ORIGIN 32
DURHAM
PEEL
HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 32

PLANNING DISTRICT 32: TOWNSHIP OF KING

REGIONAL MUNICIPALITY OF YORK

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 5,000

Dwelling Type	House	Apartment/Other			
	95%	5%			
Household Size (persons)	1	2	3	4	5+
	9%	30%	18%	23%	20%
No. of Available Vehicles	0	1	2	3	4+
	2%	18%	47%	18%	15%

Statistics
Persons per Household = 3.23
Employees per Household = 1.72
Drivers per Household = 2.34
Vehicles per Household = 2.37

TOTAL POPULATION: 16,100

	Male	Female	Total
Population:	8,200	7,900	16,100
Employment Status:			
Full Time	60%	32%	46%
Part Time	5%	12%	8%
Student	19%	21%	20%
Age: Average = 33.6			
00 - 05	6%	7%	6%
06 - 15	13%	16%	14%
16 - 64	73%	72%	72%
65 - 98	8%	5%	8%
Licensed Drivers:	78%	69%	74%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 32

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	8,400	62%	26%	0%	3%	9%
24 hours	34,400	23%	9%	6%	42%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	8,400	77%	20%	3%	0%
24 hours	34,400	84%	13%	2%	1%
Average Trip Length (km)		19.7	19.4		

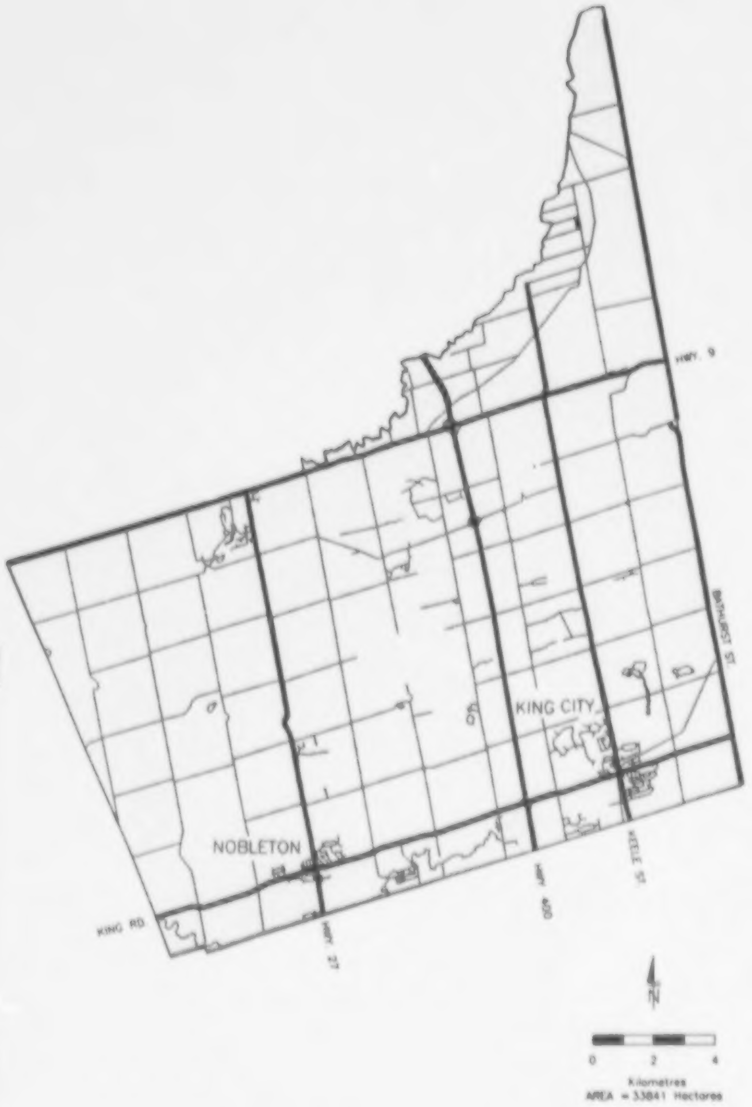
Daily Trips per Person (one-way) = 2.14
Daily Work Trips per Employed Person = 0.76

TRIPS MADE TO PLANNING DISTRICT 32

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	4,100	40%	46%	0%	5%	9%
24 hours	23,800	11%	12%	4%	59%	14%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	4,100	71%	23%	6%	0%
24 hours	23,800	82%	15%	3%	0%
Average Trip Length (km)		19.5	18.2		

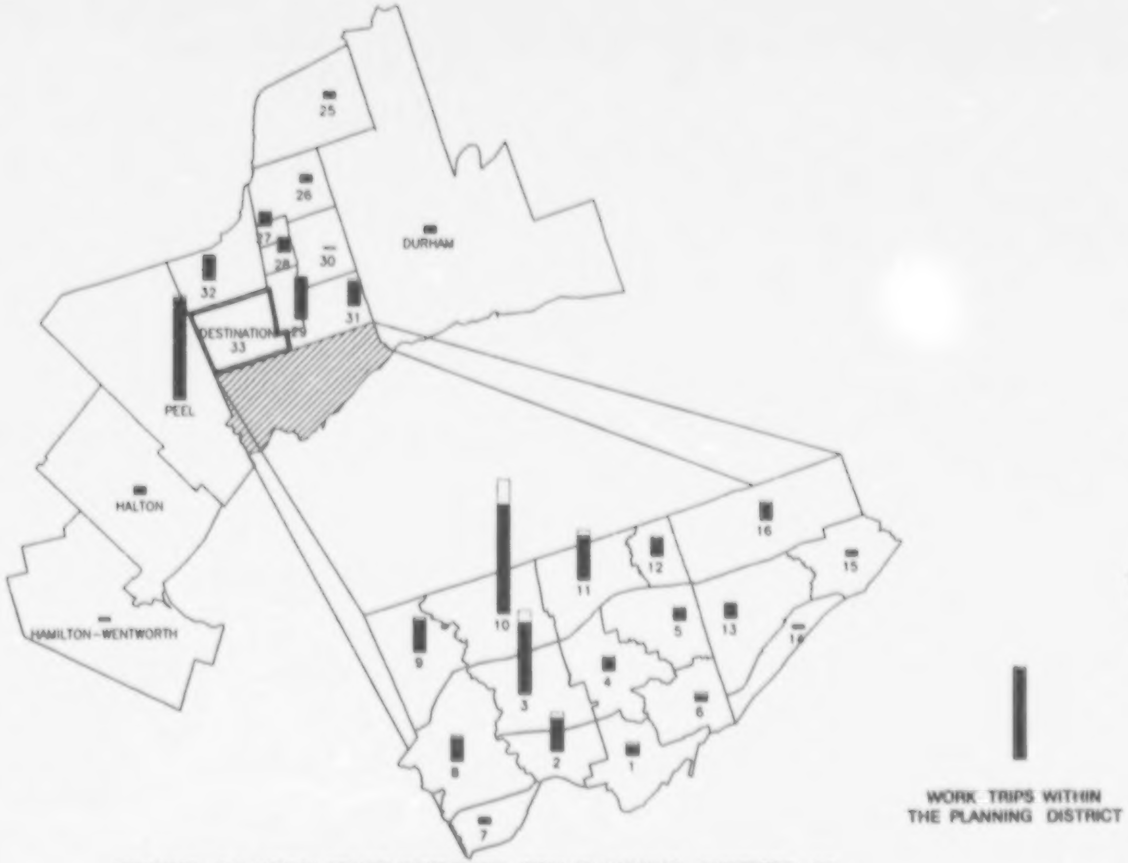
Percentage of trips made within district: 6 - 9 am = 29%
24 hours = 28%



THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 33: TOWN OF VAUGHAN

24 - HOUR WORK TRIPS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28
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DURHAM
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31
DESTINATION 33
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PEEL
HALTON
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14
HAMILTON-WENTWORTH
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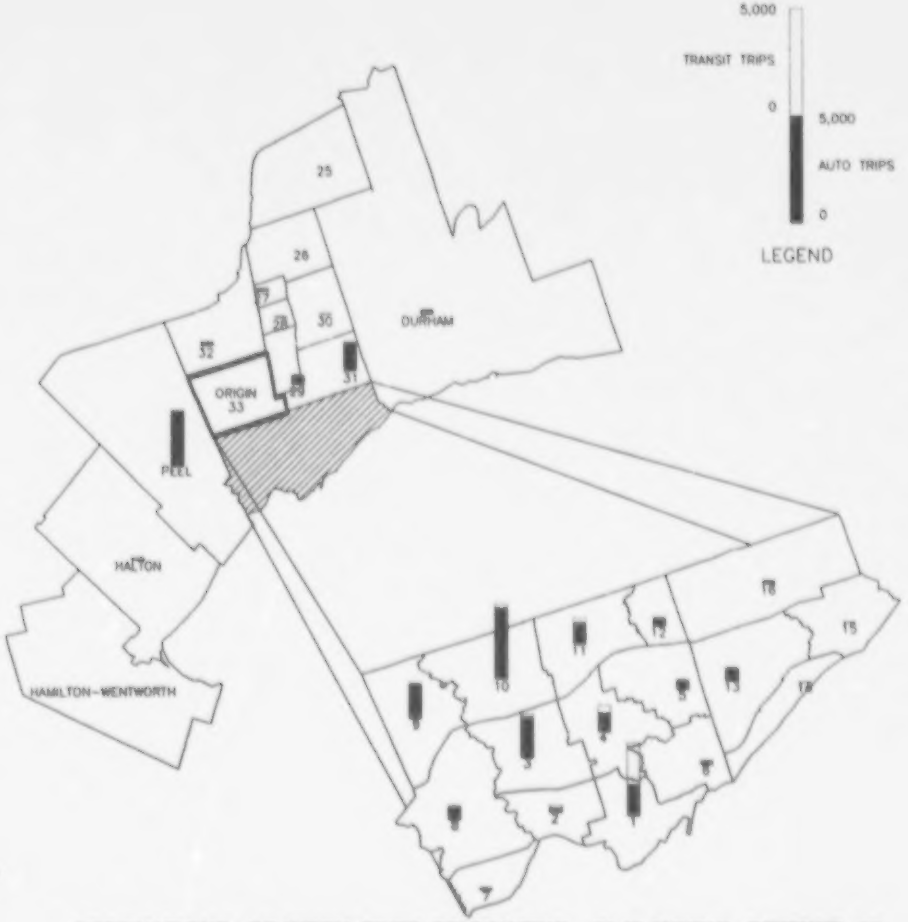
WORK TRIPS WITHIN
THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 33


5,000
TRANSIT TRIPS
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AUTO TRIPS
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LEGEND
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DURHAM
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ORIGIN 33
29
31
PEEL
HALTON
16
15
12
11
10
HAMILTON-WENTWORTH
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14
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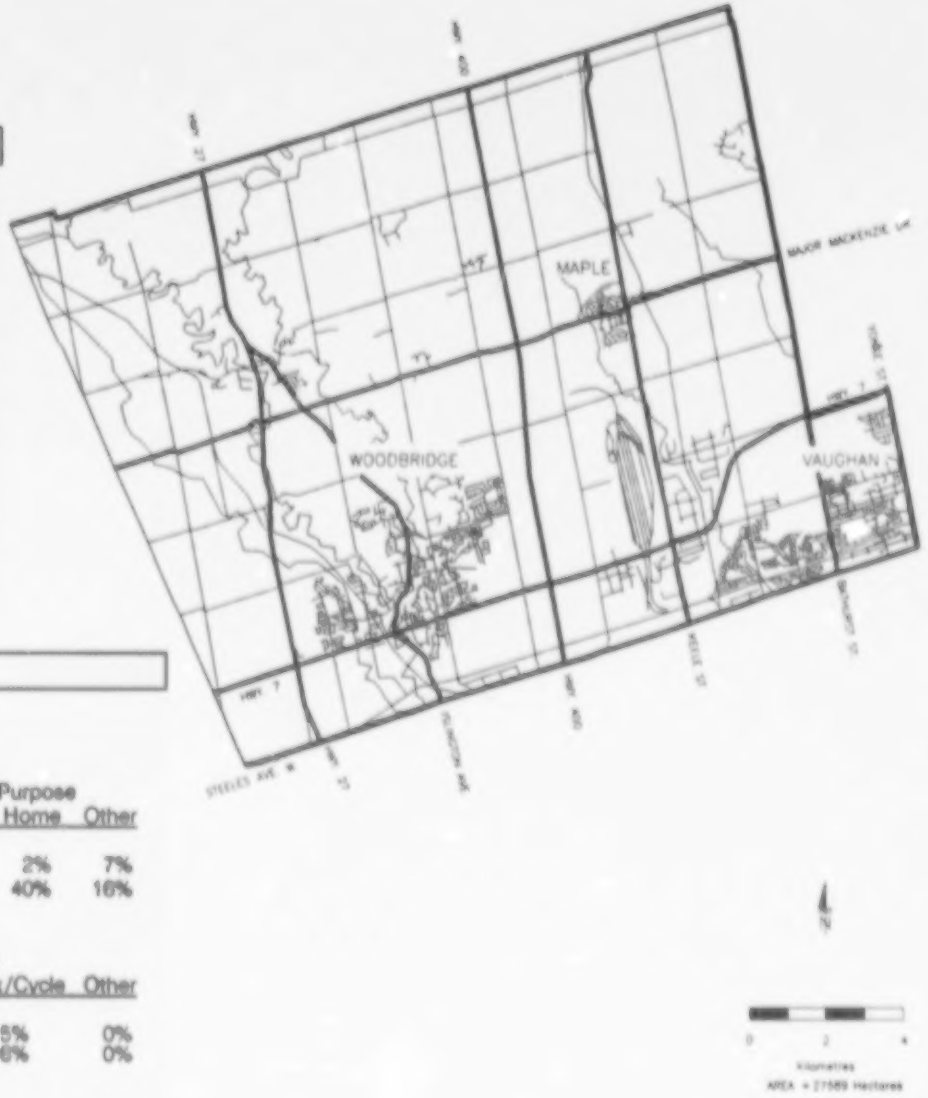
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 33

PLANNING DISTRICT 33: TOWN OF VAUGHAN

REGIONAL MUNICIPALITY OF YORK


HWY 27
HWY 400
MAJOR MACKENZIE DR
MAPLE
YONGE ST
HWY 7
WOODBRIDGE
VAUGHAN
HWY 7
STEELES AVE W
HWY 27
ISLINGTON AVE
HWY 400
KEELE ST
BATHURST ST
N
0
2
4
Kilometres
AREA = 27589 Hectares

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 17,600

Dwelling Type	House	Apartment/Other
	96%	4%

Household Size (persons)	1	2	3	4	5+
	4%	19%	19%	35%	23%

No. of Available Vehicles	0	1	2	3	4+
	2%	29%	53%	11%	5%

Statistics
Persons per Household = 3.64
Employees per Household = 1.91
Drivers per Household = 2.22
Vehicles per Household = 1.92

TOTAL POPULATION: 64,000

	Male	Female	Total
Population:	31,500	32,500	64,000
Employment Status:			
Full Time	57%	36%	46%
Part Time	5%	10%	7%
Student	24%	24%	24%
Age: Average = 28.8			
00 - 05	10%	9%	10%
06 - 15	18%	18%	18%
16 - 64	69%	69%	69%
65 - 98	3%	4%	3%
Licensed Drivers:	68%	57%	62%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 33

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	34,400	62%	25%	0%	2%	11%
24 hours	134,900	22%	11%	6%	43%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	34,400	72%	22%	6%	0%
24 hours	134,900	78%	15%	7%	0%
Average Trip Length (km)		10.0	9.3		

Daily Trips per Person (one-way) = 2.11
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 33

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	40,100	79%	12%	0%	2%	7%
24 hours	145,900	31%	6%	7%	40%	16%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	40,100	81%	14%	5%	0%
24 hours	145,900	81%	13%	6%	0%
Average Trip Length (km)		11.3	8.9		

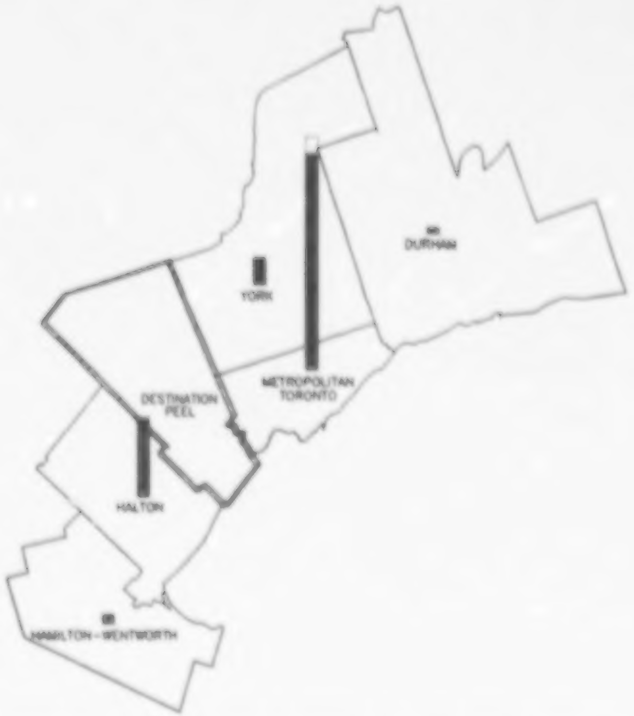
Percentage of trips made within district: 6 - 9 am = 22%
24 hours = 29%

THE TRANSPORTATION TOMORROW SURVEY

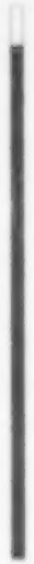
DATA MANAGEMENT GROUP

REGIONAL MUNICIPALITY OF PEEL

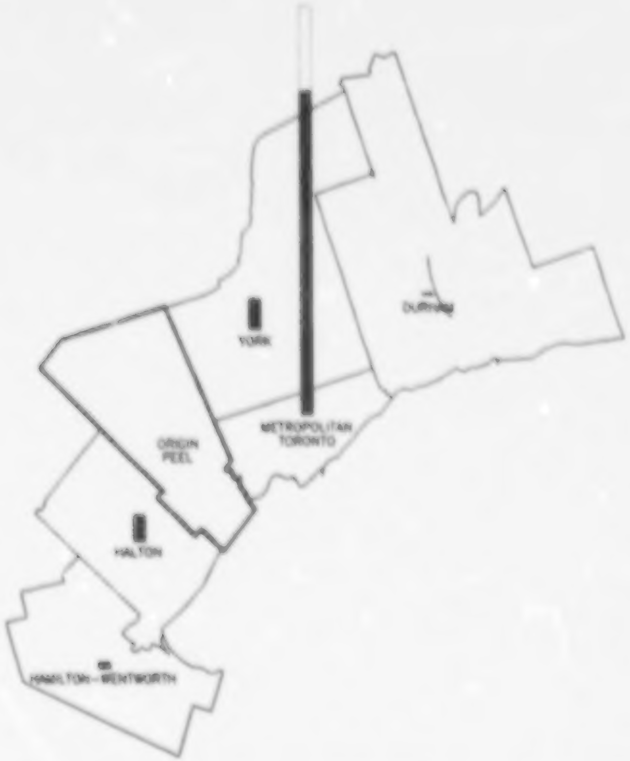
24 - HOUR WORK TRIPS


DURHAM
YORK
METROPOLITAN TORONTO
DESTINATION PEEL
HALTON
HAMILTON - WENTWORTH

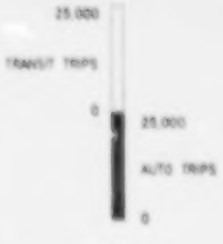
ORIGINS OF WORK TRIPS DESTINED FOR PEEL REGION



WORK TRIPS WITHIN THE REGION


DURHAM
YORK
METROPOLITAN TORONTO
ORIGIN PEEL
HALTON
HAMILTON - WENTWORTH

DESTINATIONS OF WORK TRIPS ORIGINATING IN PEEL REGION



LEGEND

REGIONAL MUNICIPALITY OF PEEL

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 186,800

Dwelling Type	House	Apartment/Other
	72%	28%

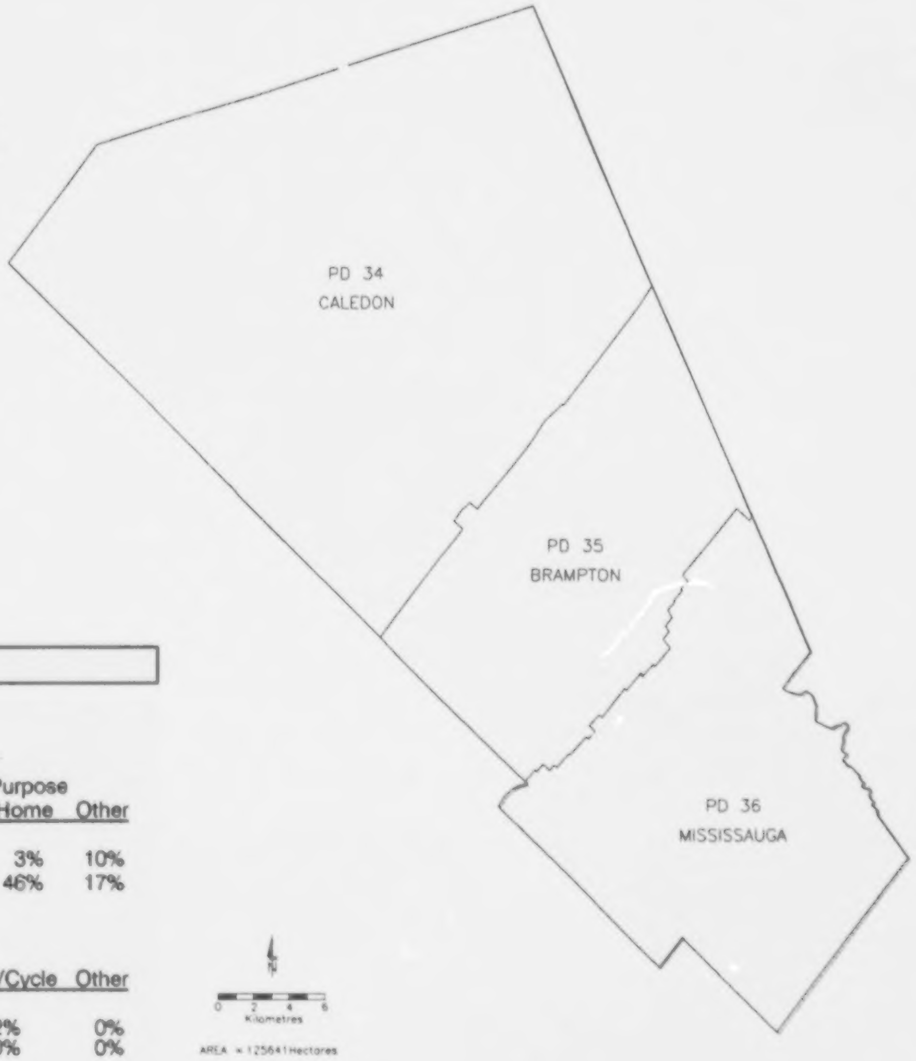
Household Size (persons)	1	2	3	4	5+
	12%	27%	22%	25%	14%

No. of Available Vehicles	0	1	2	3	4+
	4%	37%	45%	10%	4%

Statistics
Persons per Household = 3.09
Employees per Household = 1.71
Drivers per Household = 1.96
Vehicles per Household = 1.76

TOTAL POPULATION: 577.500

	Male	Female	Total
Population:	286,800	290,700	577,500
Employment Status:			
Full Time	58%	38%	48%
Part Time	4%	10%	7%
Student	21%	21%	21%
Age: Average = 30.4			
00 - 05	10%	9%	9%
06 - 15	17%	16%	17%
16 - 64	68%	69%	69%
65 - 98	5%	6%	5%
Licensed Drivers:	69%	58%	64%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PEEL REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	307,700	64%	22%	0%	3%	11%
24 hours	1,278,200	22%	10%	7%	43%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	307,700	74%	16%	10%	0%
24 hours	1,278,200	80%	11%	9%	0%
Average Trip Length (km)		11.0	12.3		

Daily Trips per Person (one-way) = 2.21
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PEEL REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	266,700	64%	23%	0%	3%	10%
24 hours	1,200,500	21%	9%	7%	46%	17%

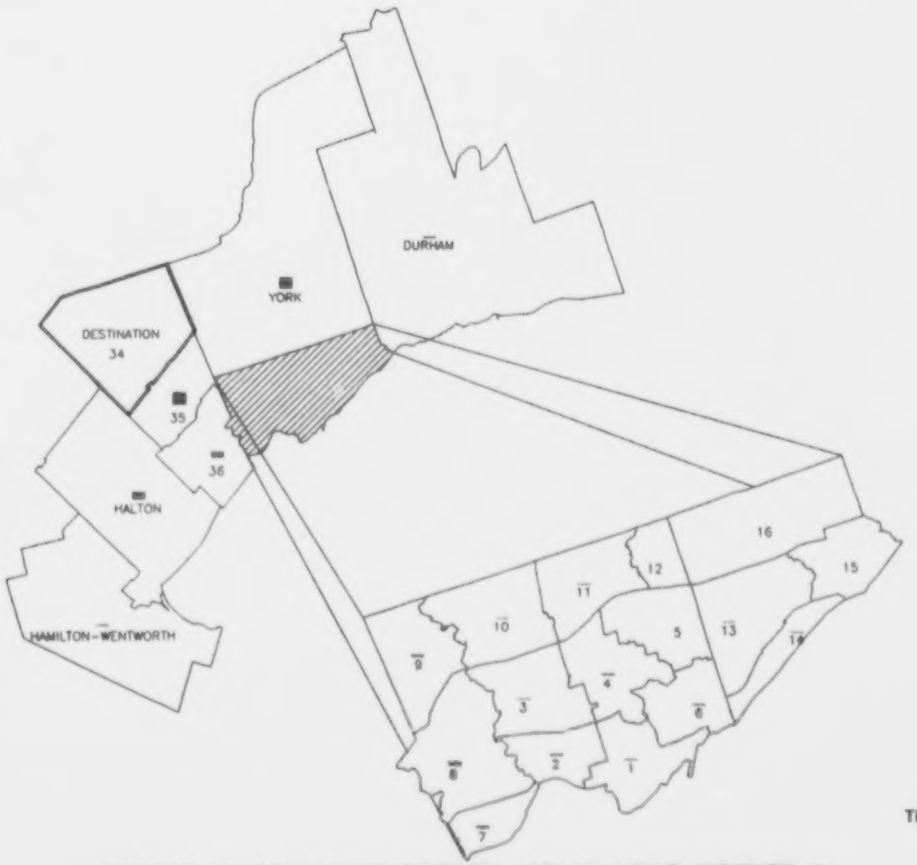
Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	266,700	76%	12%	12%	0%
24 hours	1,200,500	79%	11%	10%	0%
Average Trip Length (km)		10.3	10.1		

Percentage of trips made within district: 6 - 9 am = 72%
24 hours = 73%

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 34: TOWN OF CALEDON

24 - HOUR WORK TRIPS


DURHAM
YORK
DESTINATION
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35
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HALTON
HAMILTON-WENTWORTH
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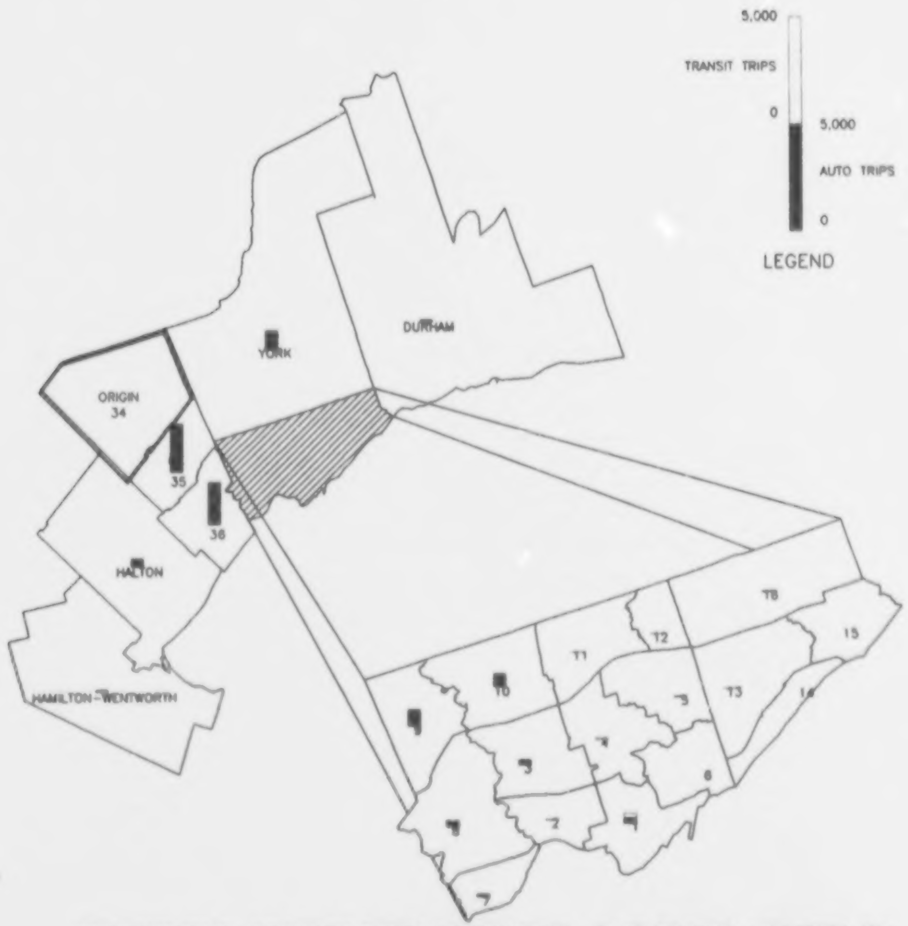
WORK TRIPS WITHIN THE PLANNING DISTRICT

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 34


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
ORIGIN
34
35
36
HALTON
HAMILTON-WENTWORTH
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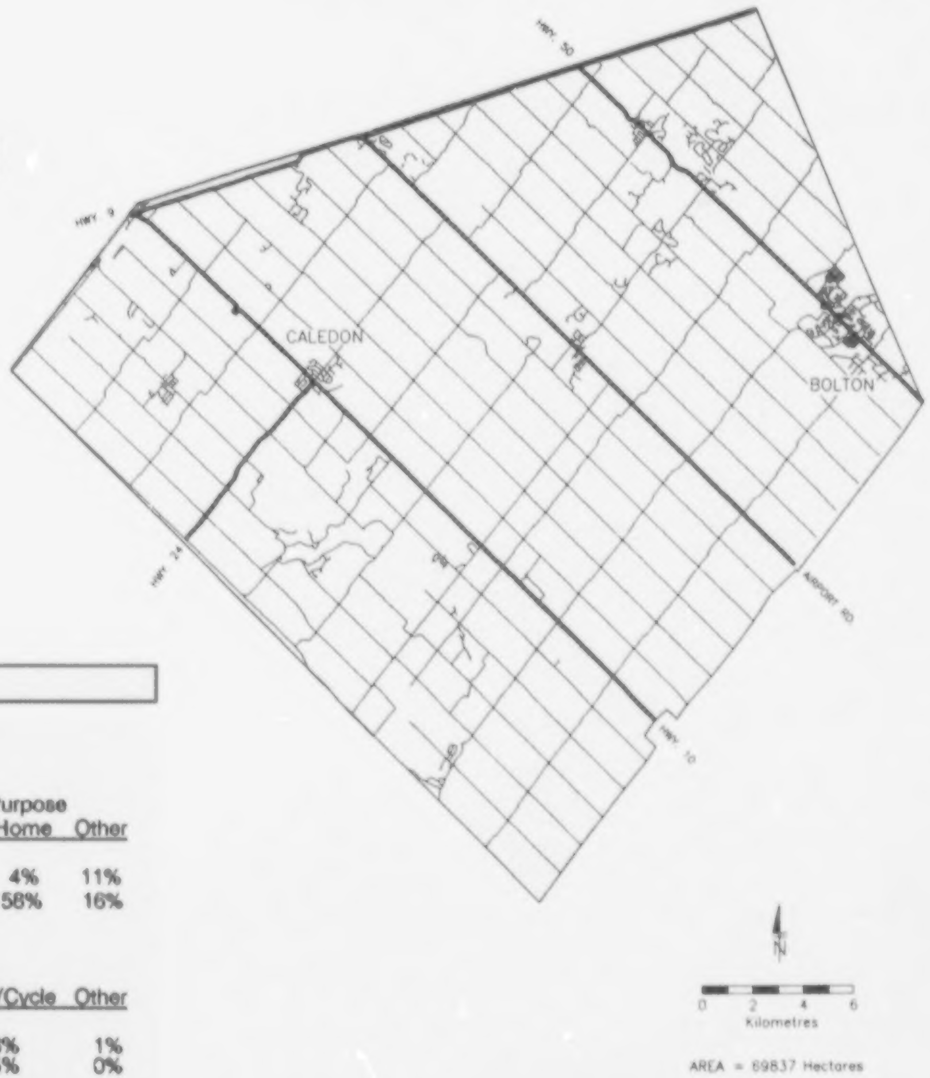
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 34

PLANNING DISTRICT 34: TOWN OF CALEDON

REGIONAL MUNICIPALITY OF PEEL



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 9,000

Dwelling Type	House 95%	Apartment/Other 5%			
Household Size (persons)	1 9%	2 27%	3 20%	4 26%	5+ 18%
No. of Available Vehicles	0 1%	1 21%	2 48%	3 17%	4+ 13%

Statistics
Persons per Household = 3.24
Employees per Household = 1.74
Drivers per Household = 2.29
Vehicles per Household = 2.29

TOTAL POPULATION: 29,000

	Male	Female	Total
Population:	15,200	13,800	29,000
Employment Status:			
Full Time	57%	30%	44%
Part Time	7%	16%	11%
Student	23%	22%	23%
Age: Average = 32.3			
00 - 05	6%	5%	5%
06 - 15	19%	18%	19%
16 - 64	70%	70%	70%
65 - 98	5%	7%	6%
Licensed Drivers:	73%	71%	72%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 34

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	15,100	63%	26%	1%	2%	8%
24 hours	68,300	20%	11%	7%	43%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	15,100	78%	18%	4%	0%
24 hours	68,300	82%	14%	4%	0%
Average Trip Length (km)		21.4	23.2		

Daily Trips per Person (one-way) = 2.35
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 34

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	6,300	51%	33%	1%	4%	11%
24 hours	50,500	11%	10%	5%	58%	16%

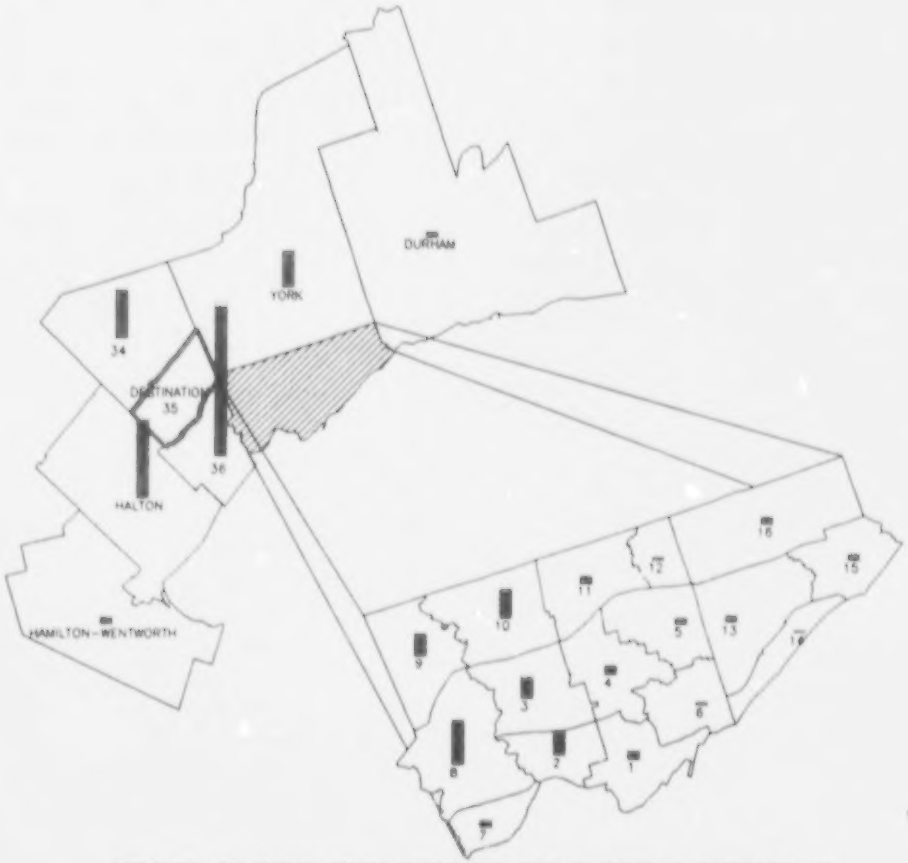
Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	6,300	69%	24%	6%	1%
24 hours	50,500	79%	16%	5%	0%
Average Trip Length (km)		20.1	16.9		

Percentage of trips made within district: 6 - 9 am = 58%
24 hours = 48%

TRANSPORTATION TOMORROW SURVEY DATA MANAGEMENT GROUP

PLANNING DISTRICT 35: CITY OF BRAMPTON

24 - HOUR WORK TRIPS


DURHAM
YORK
34
DESTINATION
35
36
HALTON
HAMILTON-WENTWORTH
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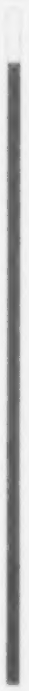
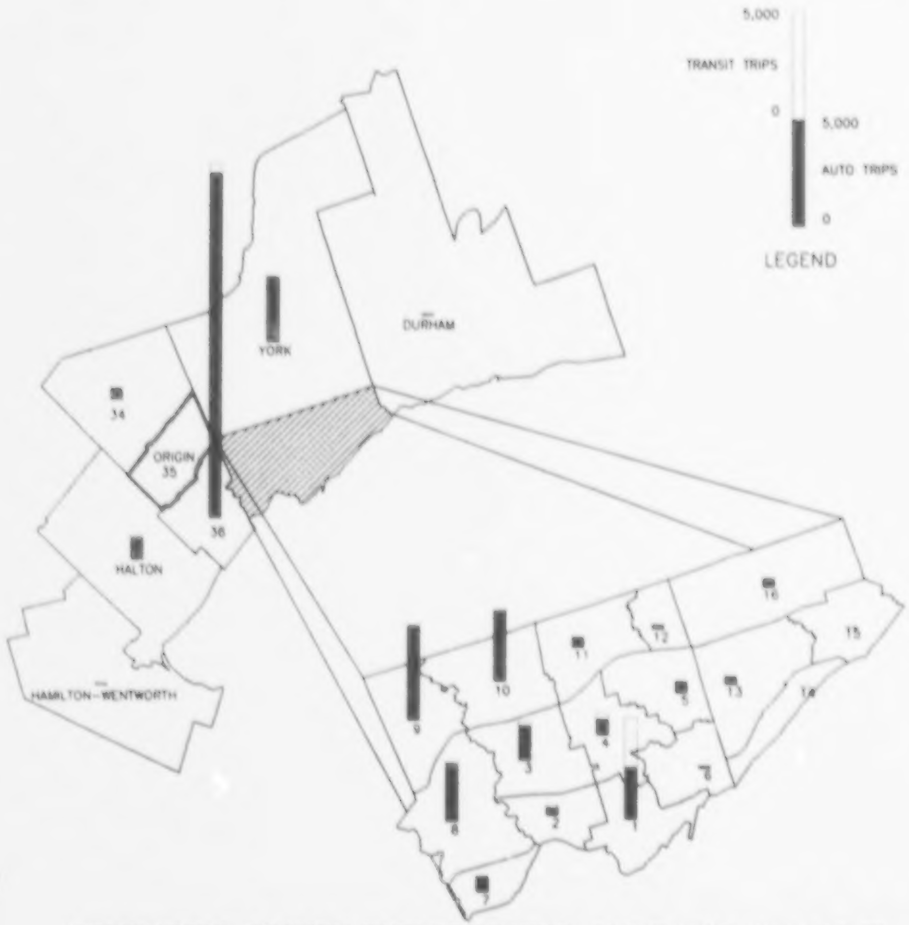
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 35



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
34
ORIGIN
35
36
HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 35

PLANNING DISTRICT 35: CITY OF BRAMPTON

REGIONAL MUNICIPALITY OF PEEL

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 57,000

Dwelling Type	House	Apartment/Other
	77%	23%

Household Size (persons)	1	2	3	4	5+
	11%	25%	22%	27%	15%

No. of Available Vehicles	0	1	2	3	4+
	5%	34%	46%	11%	4%

Statistics
Persons per Household = 3.17
Employees per Household = 1.76
Drivers per Household = 1.99
Vehicles per Household = 1.75

TOTAL POPULATION: 180,500

	Male	Female	Total
Population:	90,100	90,400	180,500
Employment Status:			
Full Time	60%	39%	50%
Part Time	4%	11%	7%
Student	23%	22%	22%
Age: Average = 29.8			
00 - 05	9%	8%	9%
06 - 15	17%	16%	17%
16 - 64	70%	71%	70%
65 - 98	4%	5%	4%
Licensed Drivers:	69%	60%	64%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 35

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	94,600	64%	23%	0%	3%	10%
24 hours	401,700	22%	10%	7%	43%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	94,600	75%	14%	10%	1%
24 hours	401,700	80%	10%	10%	0%
Average Trip Length (km)		10.4	10.4		

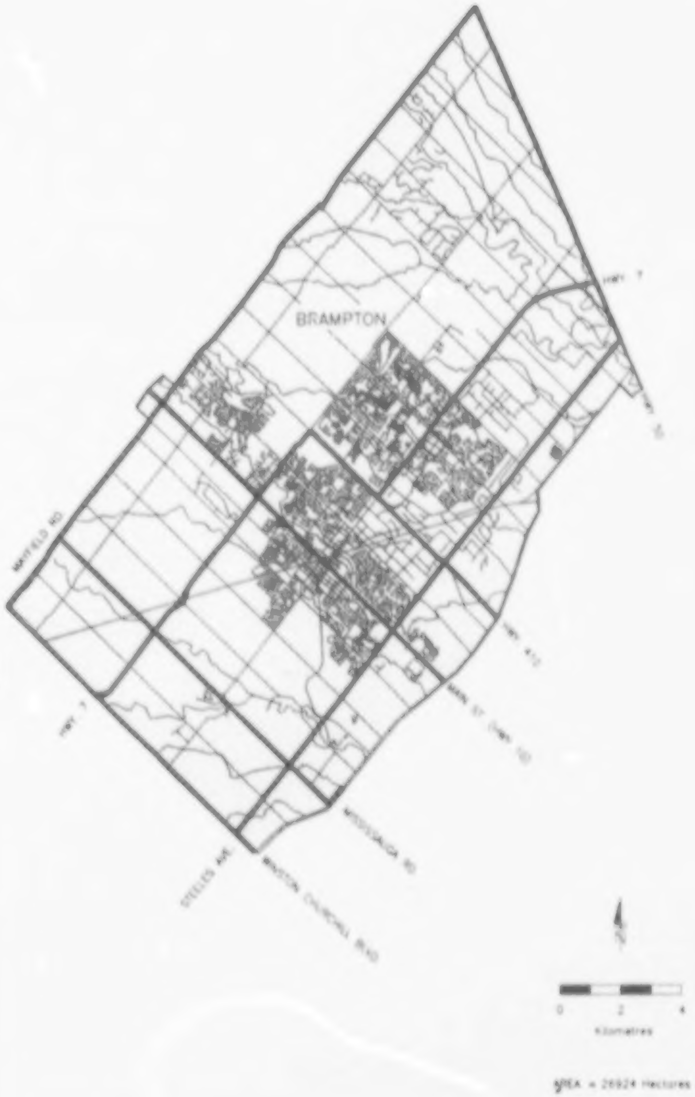
Daily Trips per Person (one-way) = 2.23
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO PLANNING DISTRICT 35

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	76,400	57%	29%	0%	3%	11%
24 hours	370,900	18%	10%	8%	47%	17%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	76,400	73%	14%	13%	0%
24 hours	370,900	79%	10%	10%	1%
Average Trip Length (km)		9.3	8.8		

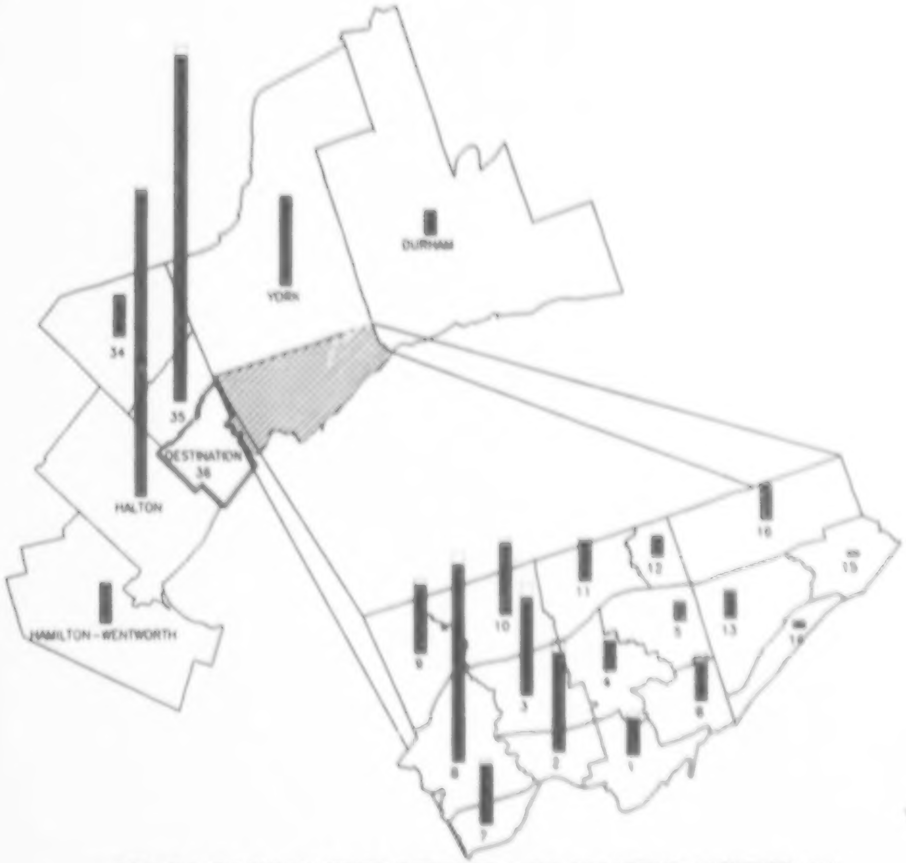
Percentage of trips made within district: 6 - 9 am = 68%
24 hours = 70%



THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 36: CITY OF MISSISSAUGA

24-HOUR WORK TRIPS


YORK
DURHAM
34
35
DESTINATION 36
HALTON
HAMILTON-WENTWORTH
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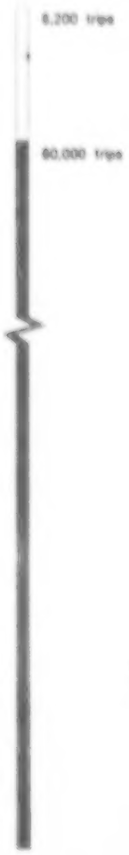
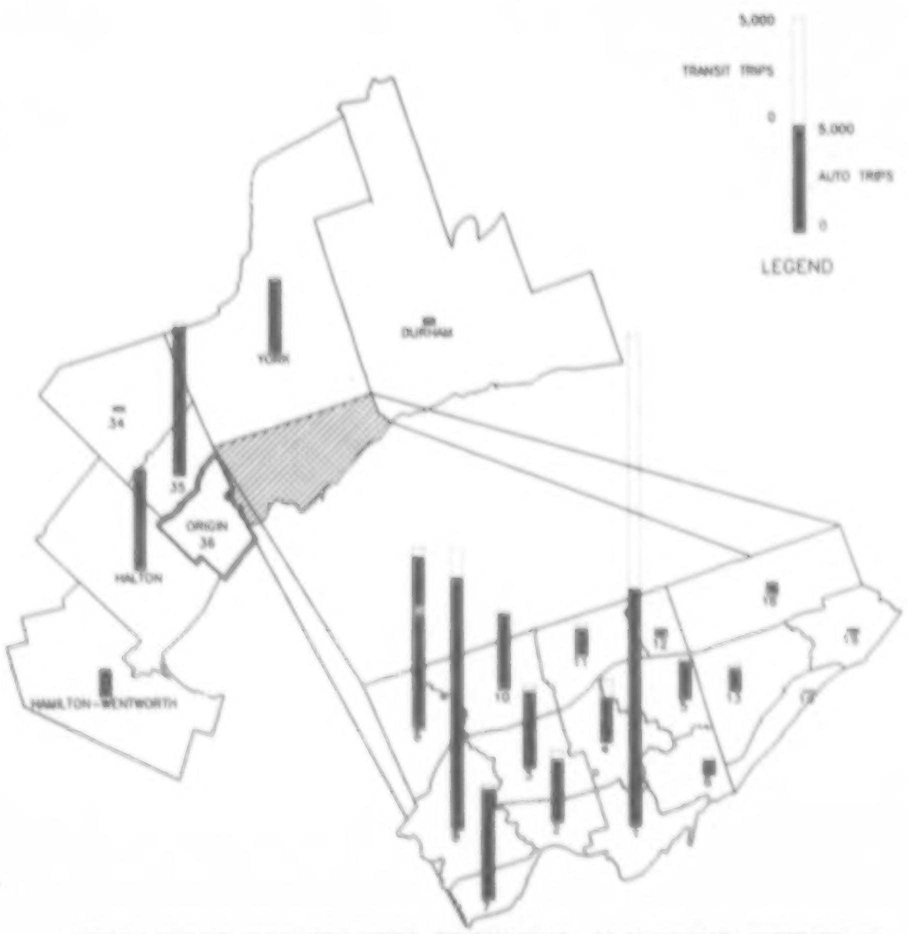
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 36



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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AUTO TRIPS
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LEGEND
YORK
DURHAM
34
35
ORIGIN 36
HALTON
HAMILTON-WENTWORTH
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 36

PLANNING DISTRICT 36: CITY OF MISSISSAUGA

REGIONAL MUNICIPALITY OF PEEL

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 120,800

Dwelling Type	House	Apartment/Other			
	68%	32%			
Household Size (persons)	1	2	3	4	5+
	12%	28%	21%	25%	14%
No. of Available Vehicles	0	1	2	3	4+
	5%	39%	44%	9%	3%

Statistics
Persons per Household = 3.05
Employees per Household = 1.68
Drivers per Household = 1.93
Vehicles per Household = 1.68

TOTAL POPULATION: 368,000

	Male	Female	Total
Population:	181,600	186,400	368,000
Employment Status:			
Full Time	59%	39%	49%
Part Time	4%	10%	7%
Student	21%	21%	21%
Age: Average = 31.5			
00 - 05	8%	8%	8%
06 - 15	15%	15%	15%
16 - 64	71%	71%	71%
65 - 98	6%	6%	6%
Licensed Drivers:	71%	59%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 36

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	198,000	65%	22%	0%	3%	10%
24 hours	808,200	23%	9%	7%	43%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	198,000	72%	16%	11%	1%
24 hours	808,200	78%	12%	10%	0%
Average Trip Length (km)		10.4	12.1		

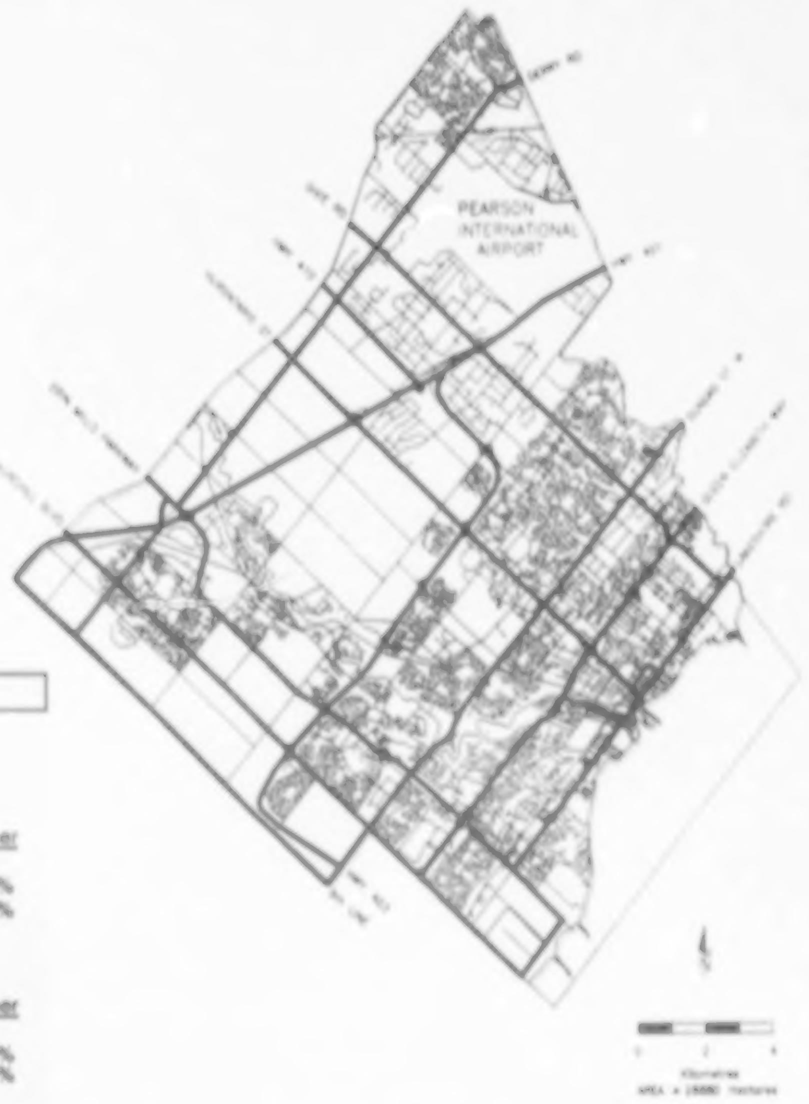
Daily Trips per Person (one-way) = 2.20
Daily Work Trips per Employed Person = 0.81

TRIPS MADE TO PLANNING DISTRICT 36

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	184,000	66%	21%	0%	3%	10%
24 hours	779,100	23%	9%	7%	45%	16%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	184,000	78%	10%	12%	0%
24 hours	779,100	79%	10%	10%	1%
Average Trip Length (km)		10.2	10.1		

Percentage of trips made within district: 6 - 9 am = 58%
24 hours = 63%

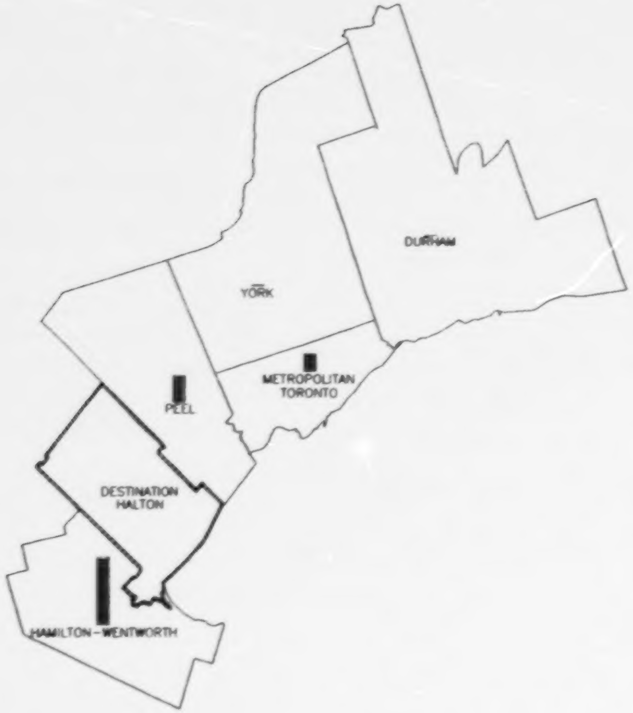


TRANSPORTATION TOMORROW

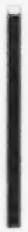
DATA MANAGEMENT GROUP

REGIONAL MUNICIPALITY OF HALTON

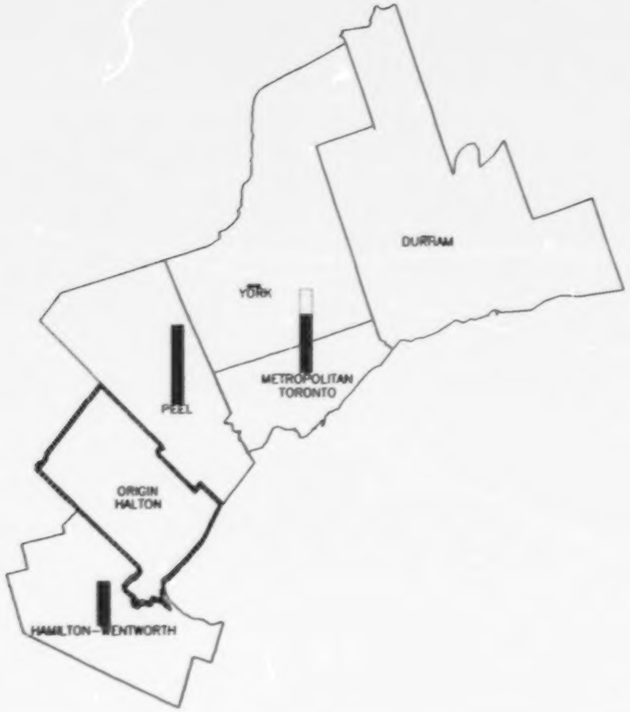
24 - HOUR WORK TRIPS


DURHAM
YORK
METROPOLITAN TORONTO
PEEL
DESTINATION HALTON
HAMILTON-WENTWORTH

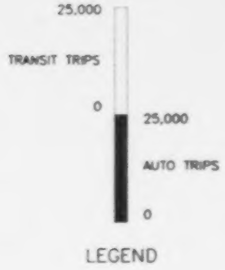
ORIGINS OF WORK TRIPS DESTINED FOR HALTON REGION



WORK TRIPS WITHIN THE REGION


DURHAM
YORK
METROPOLITAN TORONTO
PEEL
ORIGIN HALTON
HAMILTON-WENTWORTH

DESTINATIONS OF WORK TRIPS ORIGINATING IN HALTON REGION


25,000
TRANSIT TRIPS
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25,000
AUTO TRIPS
0
LEGEND

REGIONAL MUNICIPALITY OF HALTON

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 90,200

Dwelling Type	House	Apartment/Other			
	80%	20%			
Household Size (persons)	1	2	3	4	5+
	14%	30%	20%	24%	12%
No. of Available Vehicles	0	1	2	3	4+
	4%	35%	46%	11%	4%

Statistics
Persons per Household = 2.93
Employees per Household = 1.53
Drivers per Household = 1.97
Vehicles per Household = 1.76

TOTAL POPULATION: 264,500

	Male	Female	Total
Population:	131,200	133,300	264,500
Employment Status:			
Full Time	56%	30%	43%
Part Time	5%	13%	9%
Student	21%	20%	21%
Age: Average = 33.1			
00 - 05	9%	8%	8%
06 - 15	16%	16%	16%
16 - 64	68%	68%	68%
65 - 98	7%	8%	8%
Licensed Drivers:	71%	63%	67%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF HALTON REGION

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	131,600	63%	21%	1%	4%	11%
24 hours	660,200	21%	8%	9%	42%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	131,600	79%	12%	9%	0%
24 hours	660,200	84%	8%	8%	0%
Average Trip Length (km)		11.5	14.7		

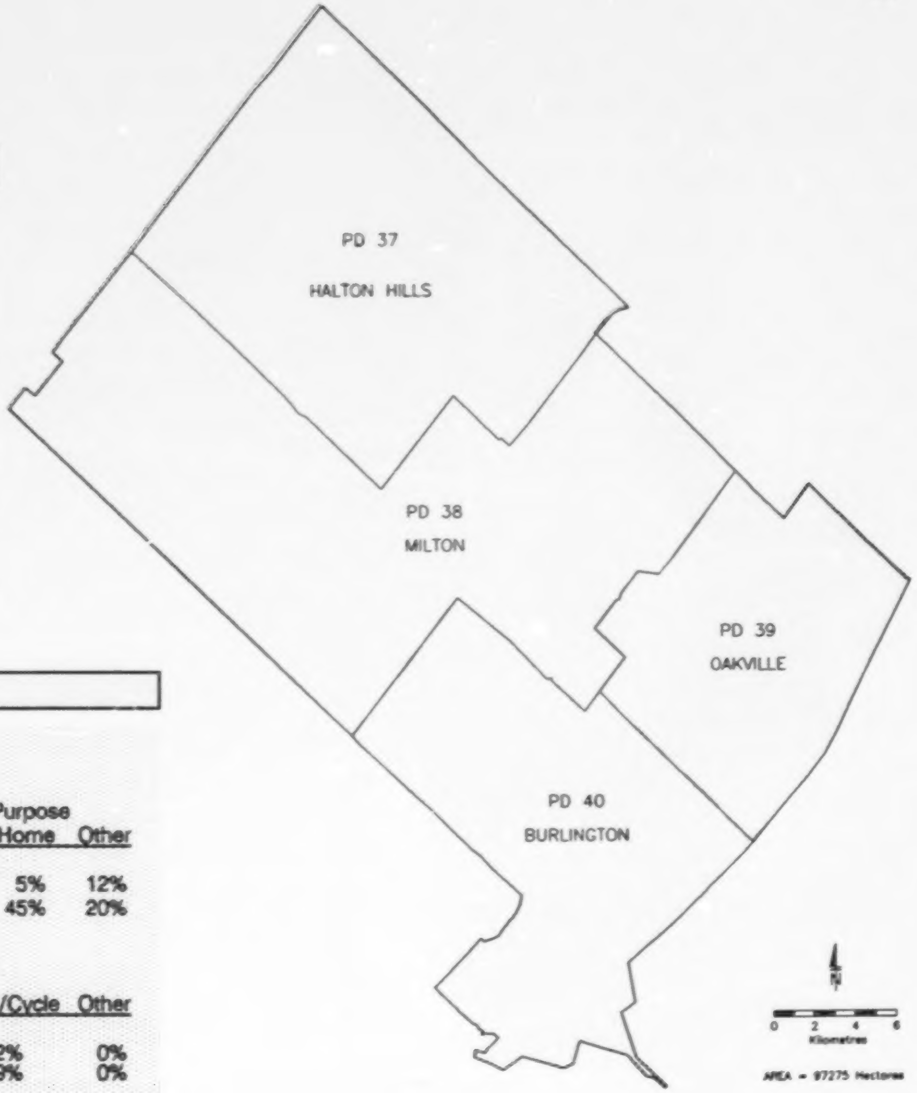
Daily Trips per Person (one-way) = 2.50
Daily Work Trips per Employed Person = 0.79

TRIPS MADE TO HALTON REGION

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	104,900	56%	26%	1%	5%	12%
24 hours	613,800	16%	9%	10%	45%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	104,900	78%	10%	12%	0%
24 hours	613,800	83%	8%	9%	0%
Average Trip Length (km)		9.7	11.2		

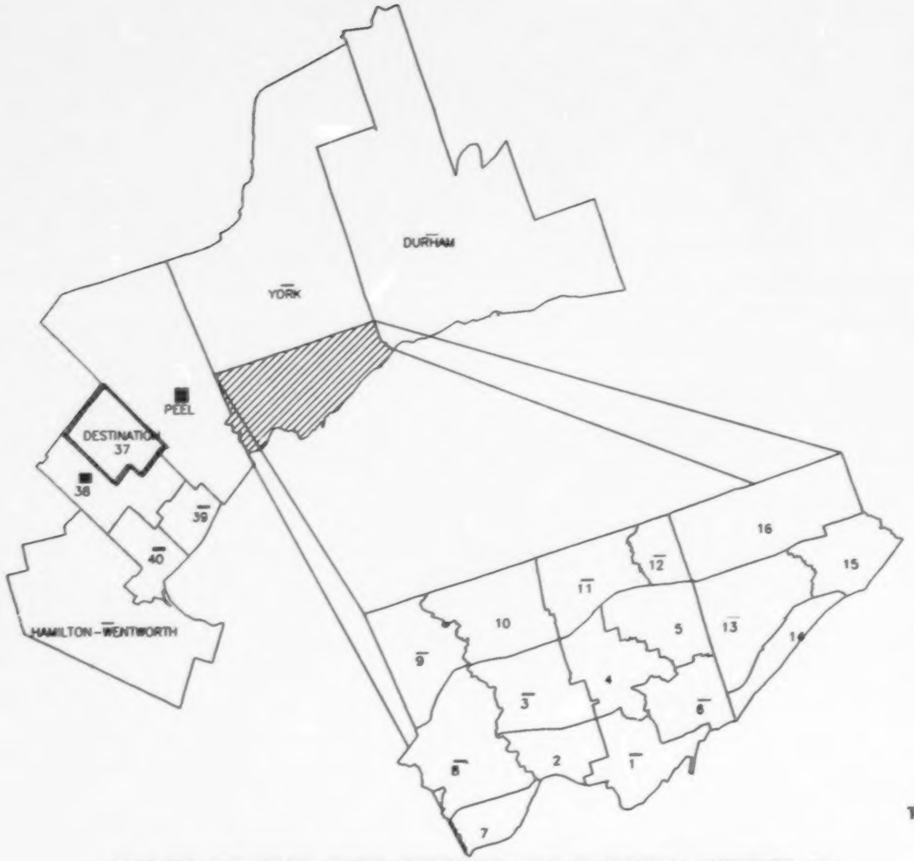
Percentage of trips made within district: 6 - 9 am = 75%
24 hours = 78%



THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 37: TOWN OF HALTON HILLS

24 - HOUR WORK TRIPS


YORK
DURHAM
PEEL
DESTINATION 37
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HAMILTON-WENTWORTH
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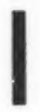
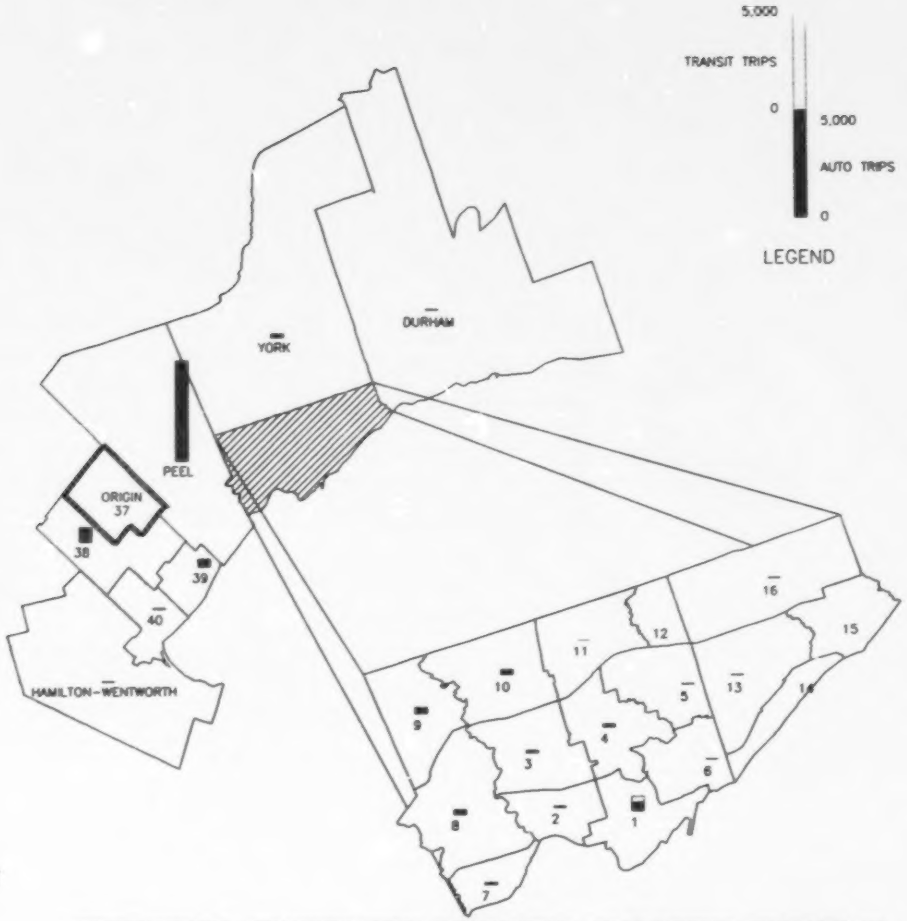
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 37



WORK TRIPS WITHIN THE PLANNING DISTRICT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TRANSIT TRIPS
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AUTO TRIPS
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YORK
DURHAM
PEEL
ORIGIN 37
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 37

PLANNING DISTRICT 37: TOWN OF HALTON HILLS

REGIONAL MUNICIPALITY OF HALTON

DEMOGRAPHIC CHARACTERISTICS

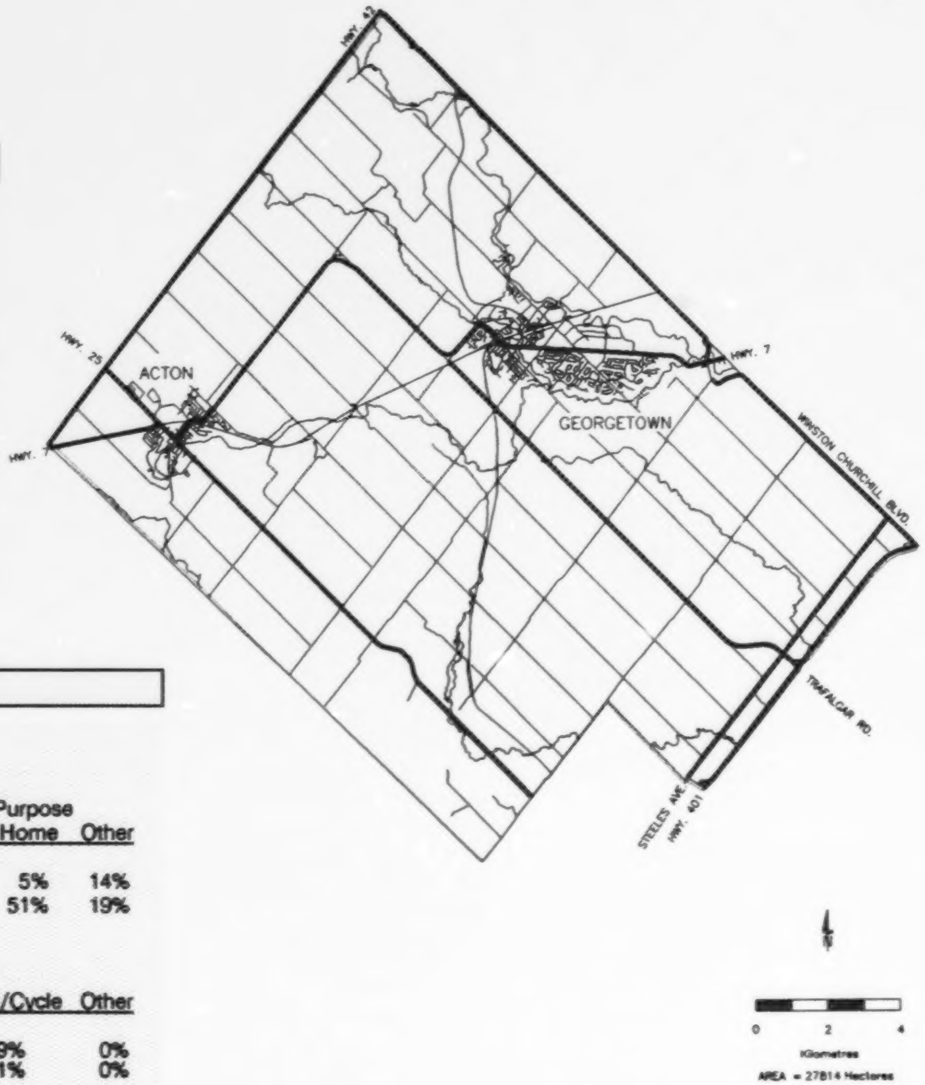
TOTAL NUMBER OF HOUSEHOLDS: 11,300

Dwelling Type	House	Apartment/Other			
	91%	9%			
Household Size (persons)	1	2	3	4	5+
	11%	28%	21%	25%	15%
No. of Available Vehicles	0	1	2	3	4+
	5%	30%	46%	13%	6%

Statistics
Persons per Household = 3.08
Employees per Household = 1.60
Drivers per Household = 1.99
Vehicles per Household = 1.89

TOTAL POPULATION: 34,700

	Male	Female	Total
Population:	16,800	17,900	34,700
Employment Status:			
Full Time	61%	32%	46%
Part Time	3%	12%	8%
Student	19%	23%	21%
Age: Average = 32.7			
00 - 05	9%	7%	8%
06 - 15	15%	18%	16%
16 - 64	71%	68%	69%
65 - 98	5%	7%	7%
Licensed Drivers:	73%	60%	66%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 37

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	17,000	66%	22%	0%	3%	9%
24 hours	80,900	21%	9%	8%	43%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	17,000	77%	12%	10%	1%
24 hours	80,900	82%	9%	9%	0%
Average Trip Length (km)		13.8	13.2		

Daily Trips per Person (one-way) = 2.33
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 37

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	10,000	51%	29%	1%	5%	14%
24 hours	68,000	13%	9%	8%	51%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	10,000	70%	11%	19%	0%
24 hours	68,000	80%	9%	11%	0%
Average Trip Length (km)		11.0	10.1		

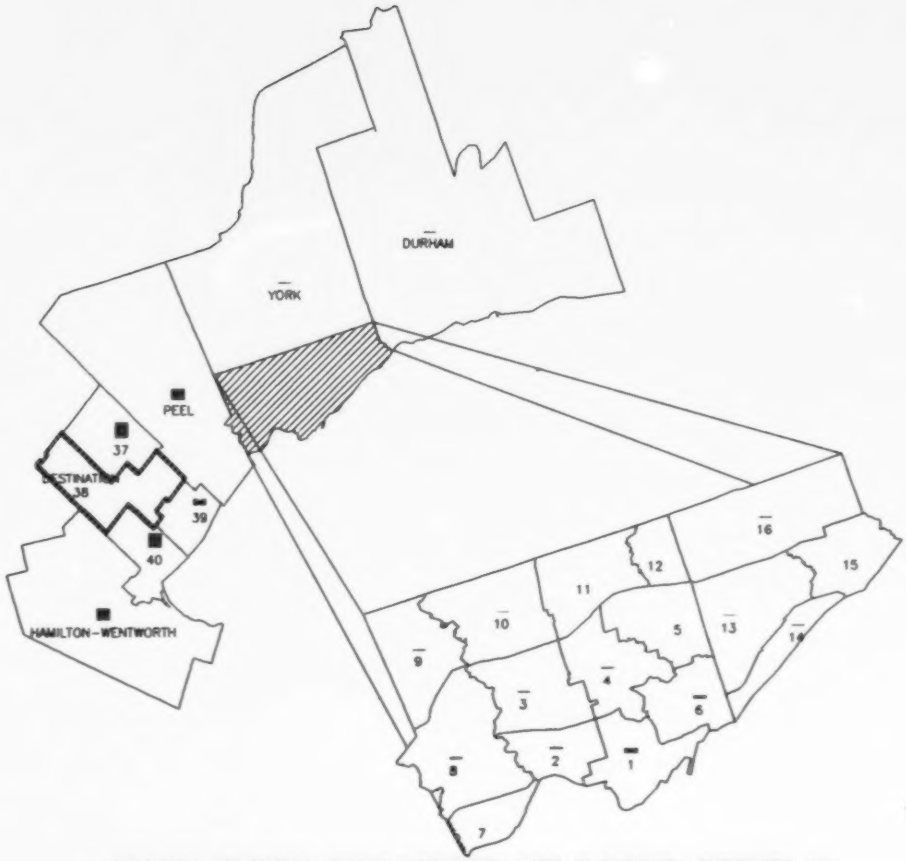
Percentage of trips made within district: 6 - 9 am = 78%
24 hours = 70%

TRANSPORTATION TOMORROW SURVEY

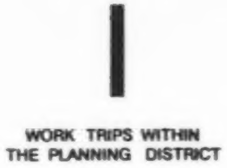
DATA MANAGEMENT GROUP

PLANNING DISTRICT 38: TOWN OF MILTON

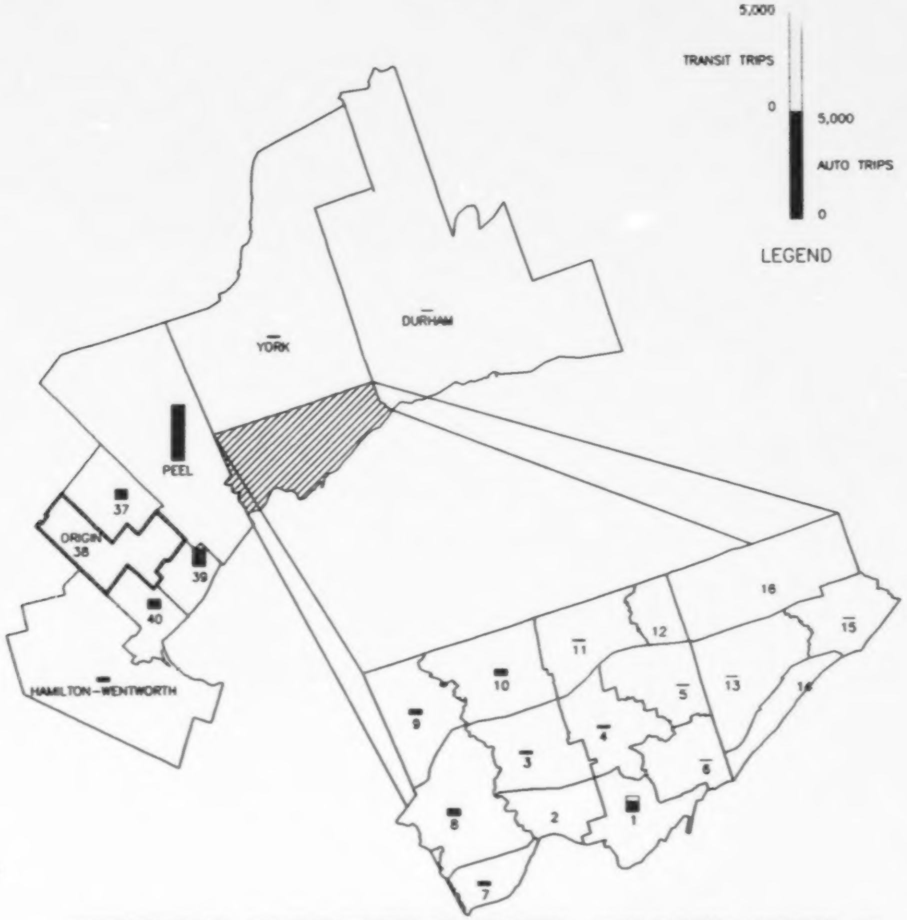
24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
37
DESTINATION 38
39
40
HAMILTON - WENTWORTH
16
15
12
11
10
5
13
14
9
4
3
6
8
2
1
7

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 38



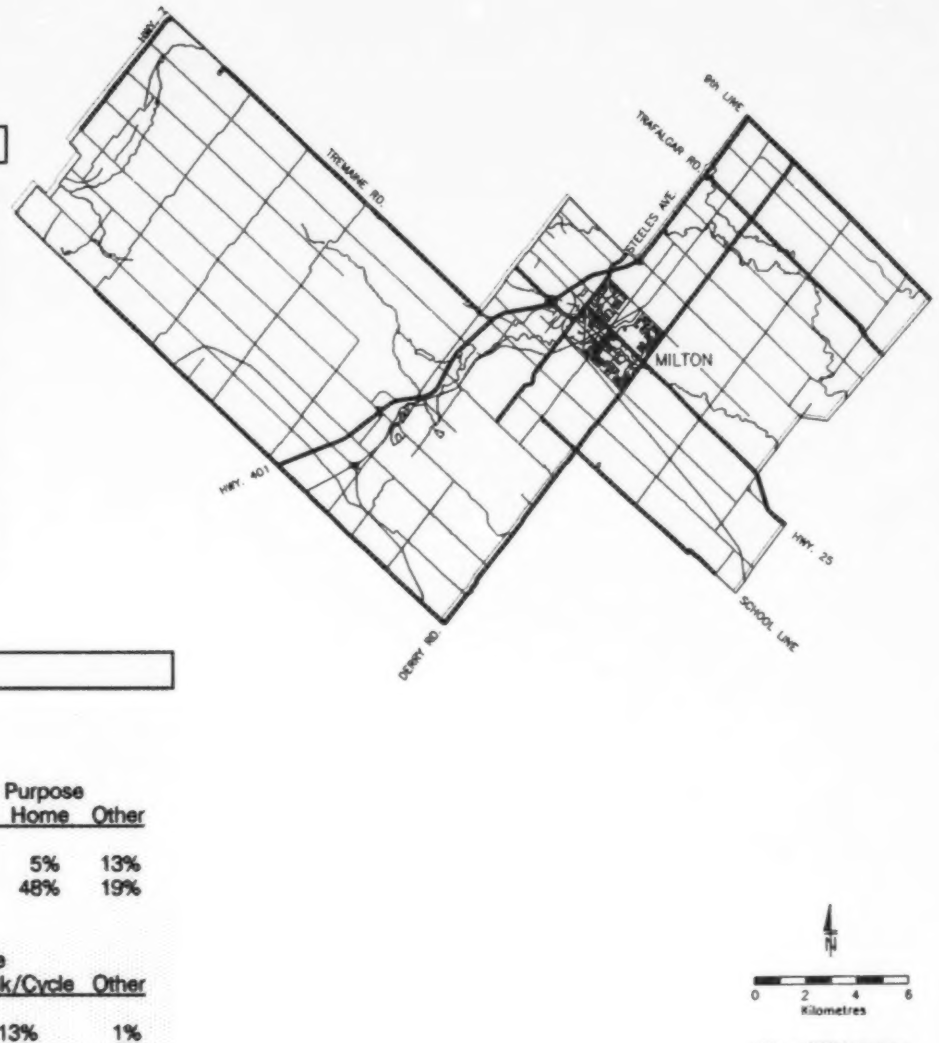
WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
PEEL
37
ORIGIN 38
39
40
HAMILTON - WENTWORTH
16
15
12
11
10
5
13
14
9
4
3
6
8
2
1
7

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 38

PLANNING DISTRICT 38: TOWN OF MILTON

REGIONAL MUNICIPALITY OF HALTON



AREA = 36904 Hectares

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 9,800

Dwelling Type	House	Apartment/Other			
	86%	14%			
Household Size (persons)	1	2	3	4	5+
	12%	25%	17%	30%	16%
No. of Available Vehicles	0	1	2	3	4+
	4%	25%	52%	12%	7%

Statistics
Persons per Household = 3.18
Employees per Household = 1.63
Drivers per Household = 2.05
Vehicles per Household = 1.98

TOTAL POPULATION: 31,000

	Male	Female	Total
Population:	15,800	15,200	31,000
Employment Status:			
Full Time	54%	31%	43%
Part Time	6%	13%	9%
Student	24%	25%	25%
Age: Average = 30.5			
00 - 05	9%	9%	9%
06 - 15	19%	20%	19%
16 - 64	67%	65%	66%
65 - 98	5%	6%	6%
Licensed Drivers:	69%	62%	65%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 38

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	15,000	63%	22%	0%	4%	11%
24 hours	77,200	20%	10%	9%	42%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	15,000	81%	9%	10%	0%
24 hours	77,200	83%	8%	9%	0%
Average Trip Length (km)		13.1	14.9		

Daily Trips per Person (one-way) = 2.49
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO PLANNING DISTRICT 38

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	10,500	54%	28%	0%	5%	13%
24 hours	66,900	15%	10%	8%	48%	19%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	10,500	76%	10%	13%	1%
24 hours	66,900	82%	7%	11%	0%
Average Trip Length (km)		10.6	12.7		

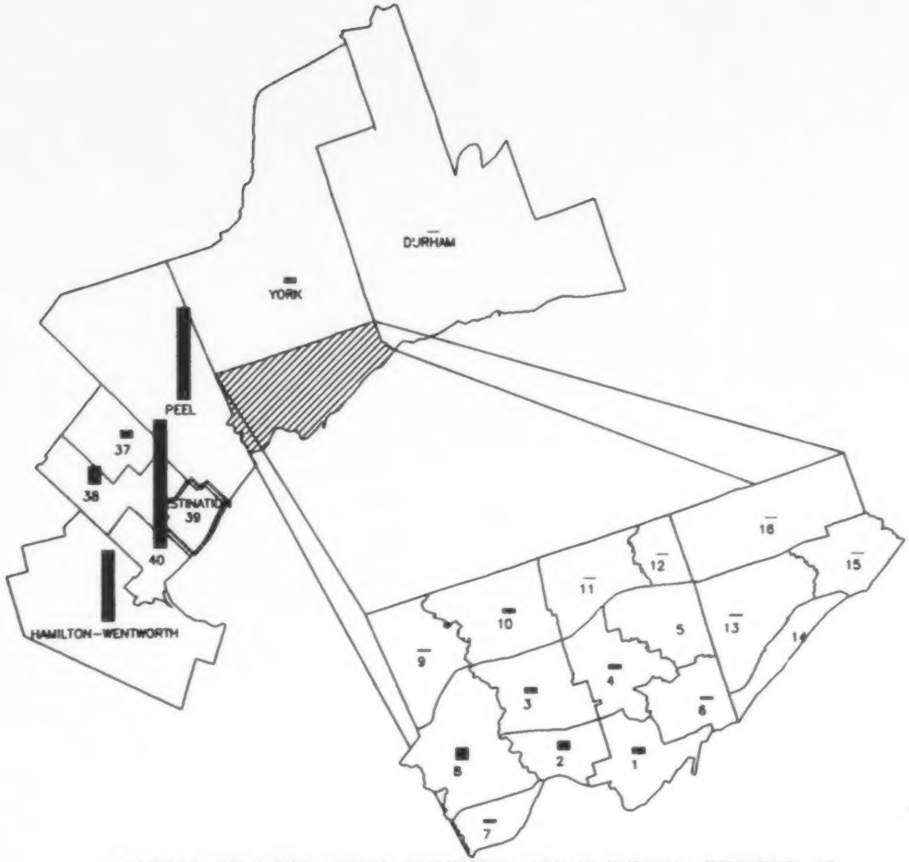
Percentage of trips made within district: 6 - 9 am = 68%
24 hours = 69%

THE TRANSPORTATION TOMORROW SURVEY

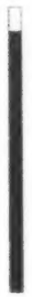
DATA MANAGEMENT GROUP

PLANNING DISTRICT 39: TOWN OF OAKVILLE

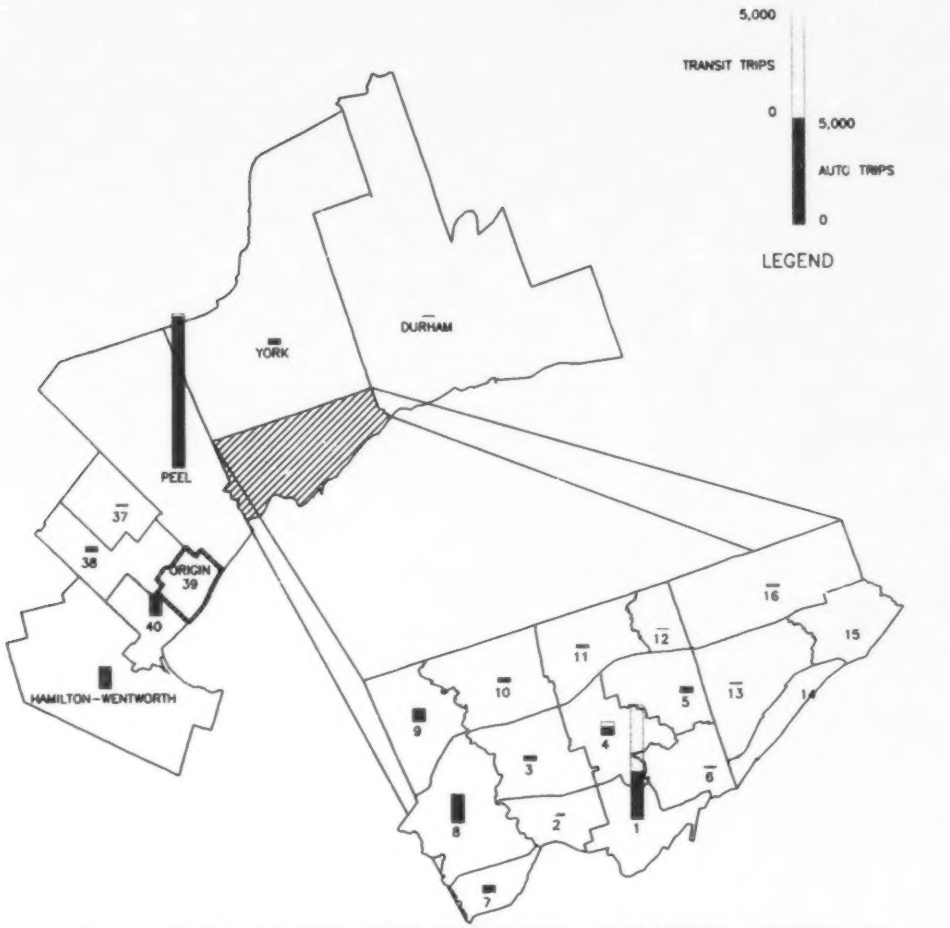
24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
37
38
DESTINATION 39
40
HAMILTON—WENTWORTH
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 39



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
PEEL
37
38
ORIGIN 39
40
HAMILTON—WENTWORTH
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 39

PLANNING DISTRICT 39: TOWN OF OAKVILLE

REGIONAL MUNICIPALITY OF HALTON

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 28,900

Dwelling Type	House	Apartment/Other			
	77%	23%			
Household Size (persons)	1	2	3	4	5+
	15%	30%	20%	24%	11%
No. of Available Vehicles	0	1	2	3	4+
	6%	37%	44%	10%	3%

Statistics
Persons per Household = 2.91
Employees per Household = 1.53
Drivers per Household = 1.96
Vehicles per Household = 1.70

TOTAL POPULATION: 83,900

	Male	Female	Total
Population:	41,800	42,100	83,900
Employment Status:			
Full Time	56%	32%	44%
Part Time	4%	15%	9%
Student	23%	18%	21%
Age: Average = 33.9			
00 - 05	7%	7%	7%
06 - 15	17%	13%	15%
16 - 64	69%	72%	70%
65 - 98	7%	8%	8%
Licensed Drivers:	71%	66%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 39

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	44,000	62%	21%	1%	4%	12%
24 hours	211,900	20%	8%	9%	42%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	44,000	75%	16%	8%	1%
24 hours	211,900	82%	10%	7%	1%
Average Trip Length (km)		10.9	16.3		

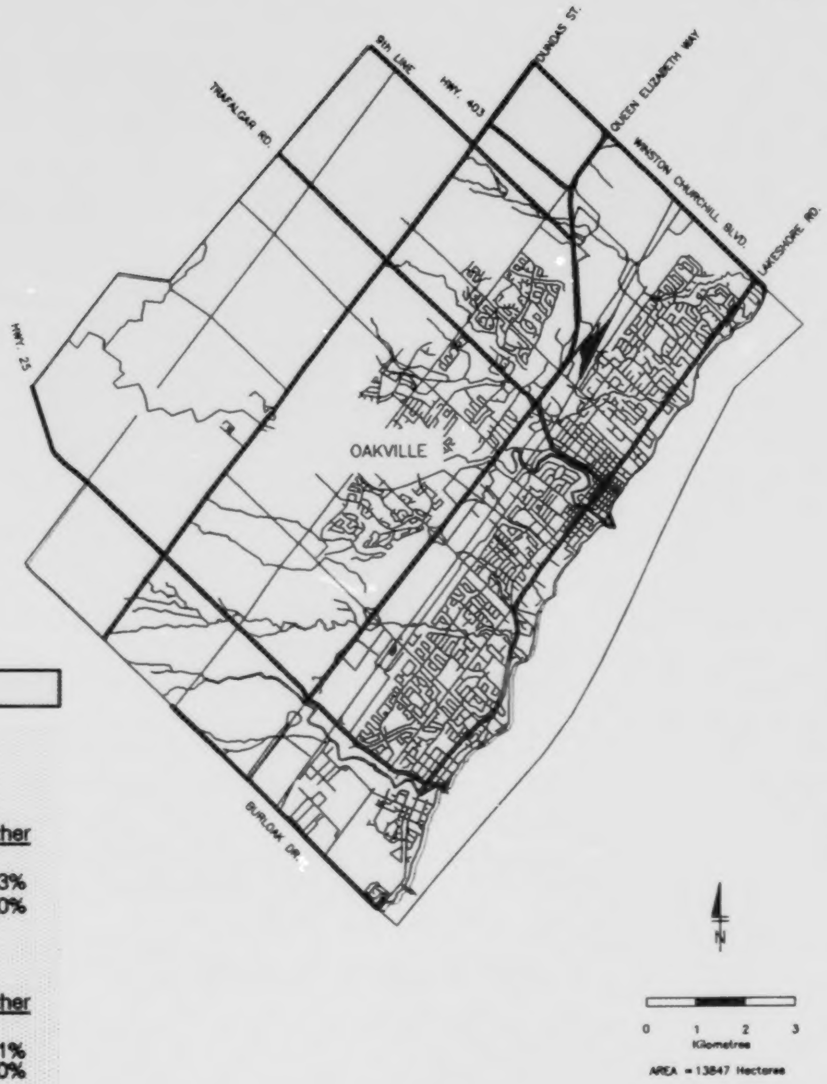
Daily Trips per Person (one-way) = 2.53
Daily Work Trips per Employed Person = 0.80

TRIPS MADE TO PLANNING DISTRICT 39

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	40,200	54%	27%	1%	5%	13%
24 hours	206,600	18%	10%	9%	43%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	40,200	80%	10%	9%	1%
24 hours	206,600	83%	9%	8%	0%
Average Trip Length (km)		9.9	12.6		

Percentage of trips made within district: 6 - 9 am = 57%
24 hours = 67%


9th LINE
HWY. 403
DUNDAS ST.
QUEEN ELIZABETH WAY
TRAFALGAR RD.
WINSTON CHURCHILL BLVD.
LAKESHORE RD.
HWY. 25
OAKVILLE
BURLOAK DR.
N
0
1
2
3
Kilometres
AREA = 13847 Hectares

THE TRANSPORTATION TOMORROW SURVEY

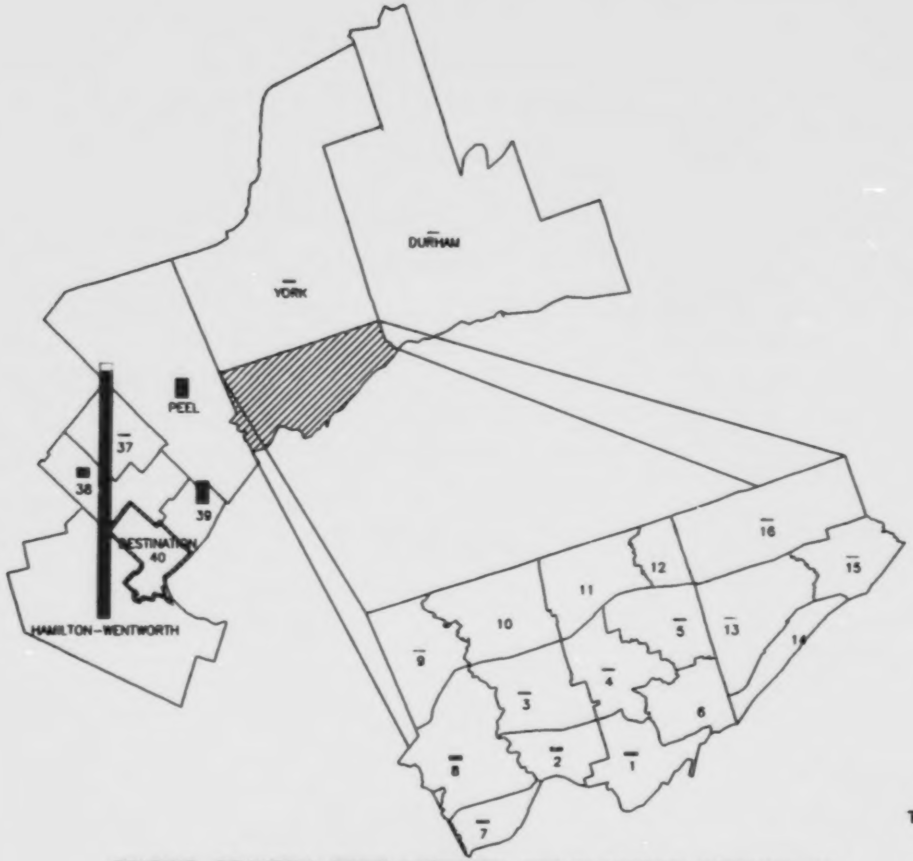
DATA MANAGEMENT GROUP

PLANNING DISTRICT 40: CITY OF BURLINGTON

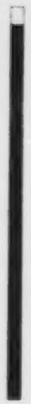
24 - HOUR WORK TRIPS

5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0

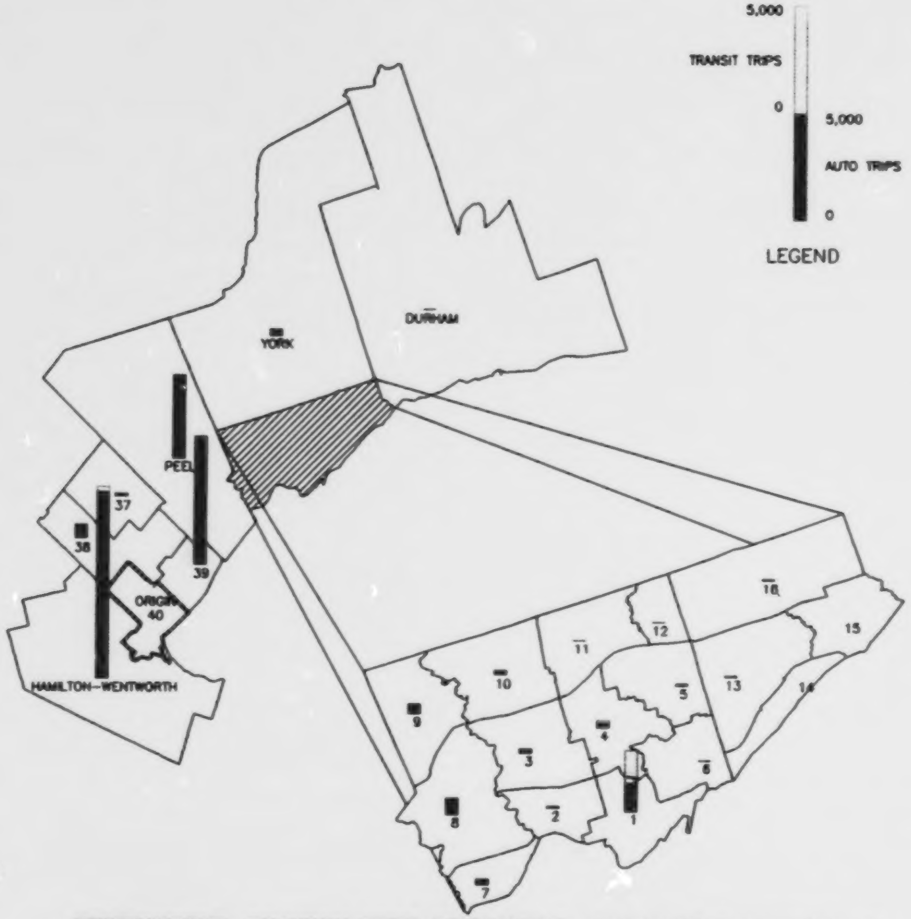
LEGEND


DURHAM
YORK
PEEL
37
38
39
DESTINATION 40
HAMILTON-WENTWORTH
16
15
12
11
10
9
5
13
14
4
3
6
8
2
1
7

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 40



WORK TRIPS WITHIN THE PLANNING DISTRICT


DURHAM
YORK
PEEL
37
38
39
ORIGIN 40
HAMILTON-WENTWORTH
16
15
12
11
10
9
5
13
14
4
3
6
8
2
1
7

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 40

PLANNING DISTRICT 40: CITY OF BURLINGTON

REGIONAL MUNICIPALITY OF HALTON

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 40,300

Dwelling Type	House	Apartment/Other			
	77%	23%			

Household Size (persons)	1	2	3	4	5+
	15%	30%	21%	24%	10%

No. of Available Vehicles	0	1	2	3	4+
	5%	37%	45%	10%	3%

Statistics
Persons per Household = 2.85
Employees per Household = 1.48
Drivers per Household = 1.95
Vehicles per Household = 1.72

TOTAL POPULATION: 114,900

	Male	Female	Total
Population:	56,900	58,000	114,900
Employment Status:			
Full Time	56%	30%	43%
Part Time	5%	14%	10%
Student	21%	19%	20%
Age: Average = 34.4			
00 - 05	7%	8%	7%
06 - 15	15%	14%	14%
16 - 64	70%	69%	69%
65 - 98	8%	9%	10%
Licensed Drivers:	74%	65%	69%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 40

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	55,600	64%	20%	1%	4%	11%
24 hours	290,100	20%	8%	10%	42%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	55,600	81%	10%	9%	0%
24 hours	290,100	84%	7%	8%	1%

Average Trip Length (km) 11.0 13.5

Daily Trips per Person (one-way) = 2.52
Daily Work Trips per Employed Person = 0.78

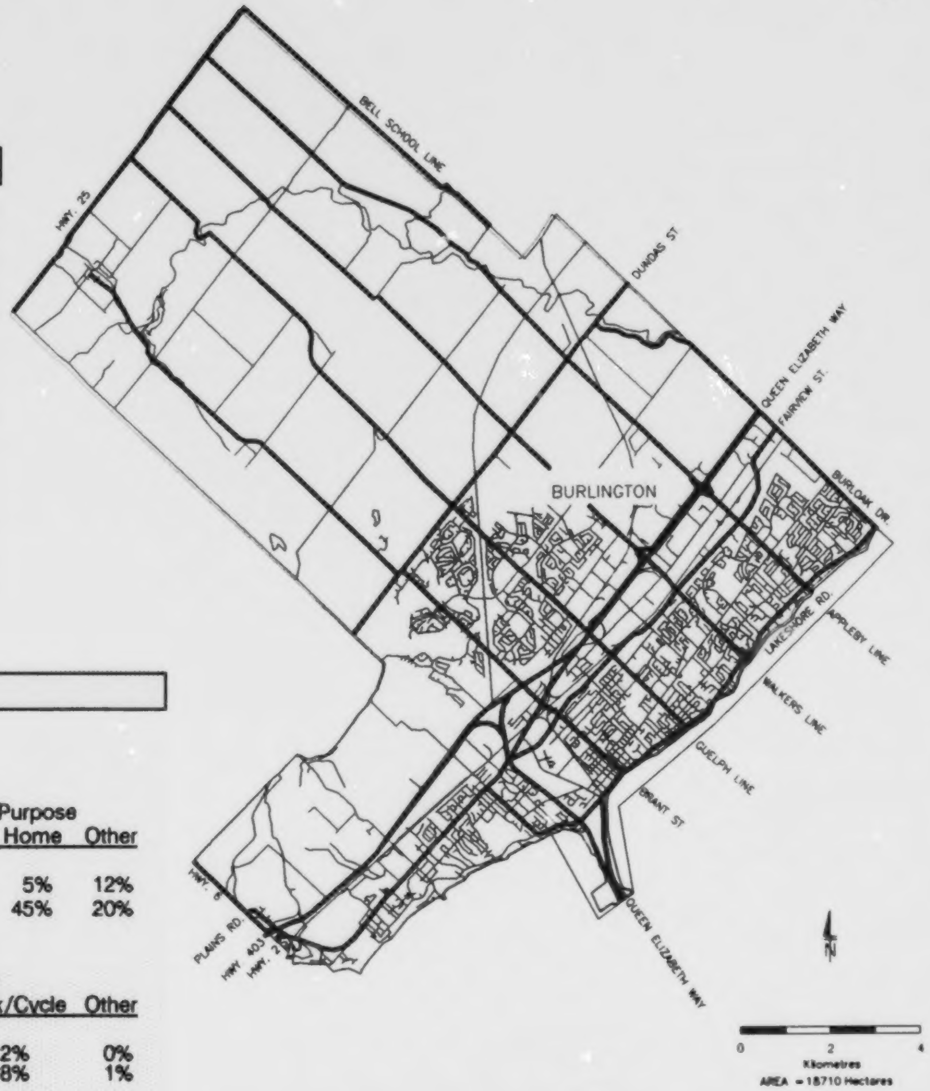
TRIPS MADE TO PLANNING DISTRICT 40

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	44,200	59%	23%	1%	5%	12%
24 hours	272,300	16%	8%	11%	45%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	44,200	80%	8%	12%	0%
24 hours	272,300	84%	7%	8%	1%

Average Trip Length (km) 8.9 9.9

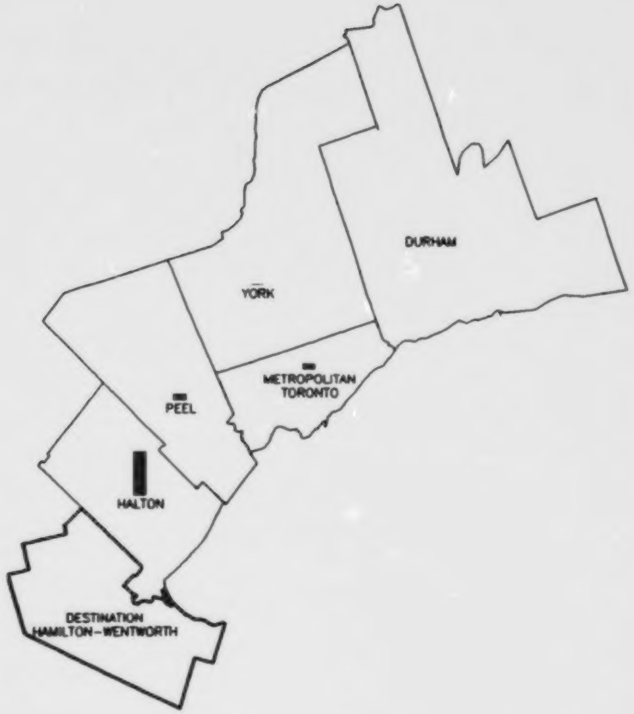
Percentage of trips made within district: 6 - 9 am = 67%
24 hours = 71%


HWY. 25
BELL SCHOOL LINE
DUNDAS ST.
QUEEN ELIZABETH WAY
FAIRVIEW ST.
BURLOAK DR.
BURLINGTON
LAKESHORE RD.
APPLEBY LINE
WALKERS LINE
GUELPH LINE
BRANT ST
QUEEN ELIZABETH WAY
HWY. 6
PLAINS RD.
HWY. 403
HWY. 2
N
0
2
4
Kilometres
AREA = 18710 Hectares

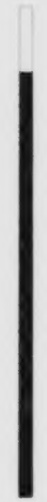
THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

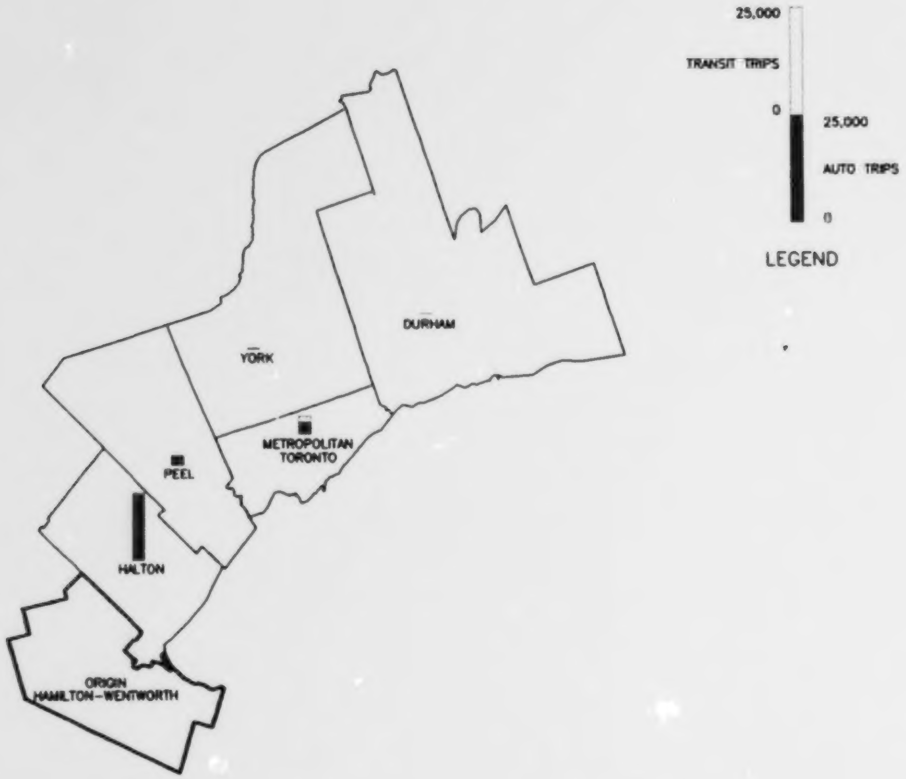
24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
METROPOLITAN TORONTO
HALTON
DESTINATION HAMILTON–WENTWORTH

ORIGINS OF WORK TRIPS DESTINED FOR HAMILTON-WENTWORTH REGION



WORK TRIPS WITHIN THE REGION


25,000
TRANSIT TRIPS
0
25,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
PEEL
METROPOLITAN TORONTO
HALTON
ORIGIN HAMILTON–WENTWORTH

DESTINATIONS OF WORK TRIPS ORIGINATING IN HAMILTON-WENTWORTH REGION

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 156,300

Dwelling Type	House	Apartment/Other			
	72%	28%			
Household Size (persons)	1	2	3	4	5+
	20%	33%	18%	19%	10%
No. of Available Vehicles	0	1	2	3	4+
	14%	45%	31%	7%	3%

Statistics
Persons per Household = 2.71
Employees per Household = 1.28
Drivers per Household = 1.65
Vehicles per Household = 1.38

TOTAL POPULATION: 423,400

	Male	Female	Total
Population:	207,500	215,900	423,400
Employment Status:			
Full Time	51%	27%	39%
Part Time	4%	13%	9%
Student	20%	19%	19%
Age: Average = 34.8			
00 - 05	8%	7%	8%
06 - 15	14%	13%	13%
16 - 64	68%	68%	68%
65 - 98	10%	12%	11%
Licensed Drivers:	69%	53%	61%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF HAMILTON-WENTWORTH REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	179,100	62%	22%	1%	4%	11%
24 hours	949,800	19%	9%	10%	42%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	179,100	72%	15%	12%	1%
24 hours	949,800	77%	12%	10%	1%
Average Trip Length (km)		9.1	6.8		

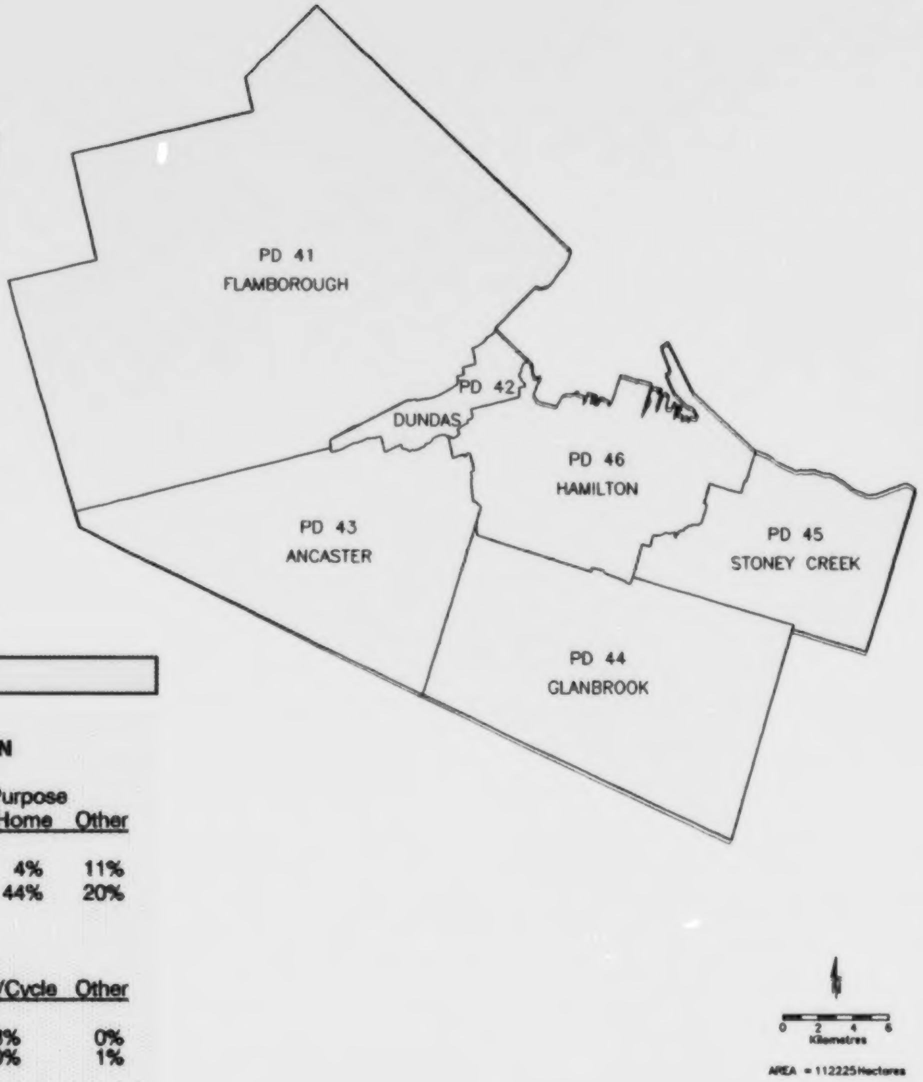
Daily Trips per Person (one-way) = 2.24
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO HAMILTON-WENTWORTH REGION

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	167,000	60%	24%	1%	4%	11%
24 hours	915,900	17%	9%	10%	44%	20%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	167,000	71%	16%	13%	0%
24 hours	915,900	77%	12%	10%	1%
Average Trip Length (km)		7.8	5.9		

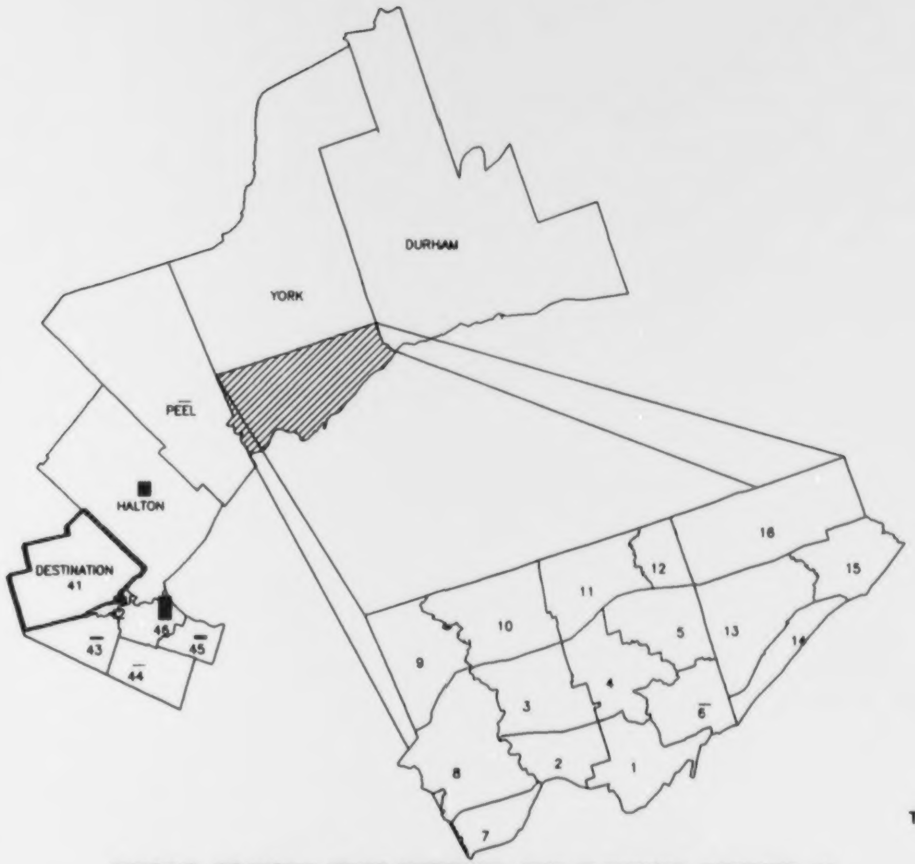
Percentage of trips made within district: 6 - 9 am = 90%
24 hours = 91%



TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

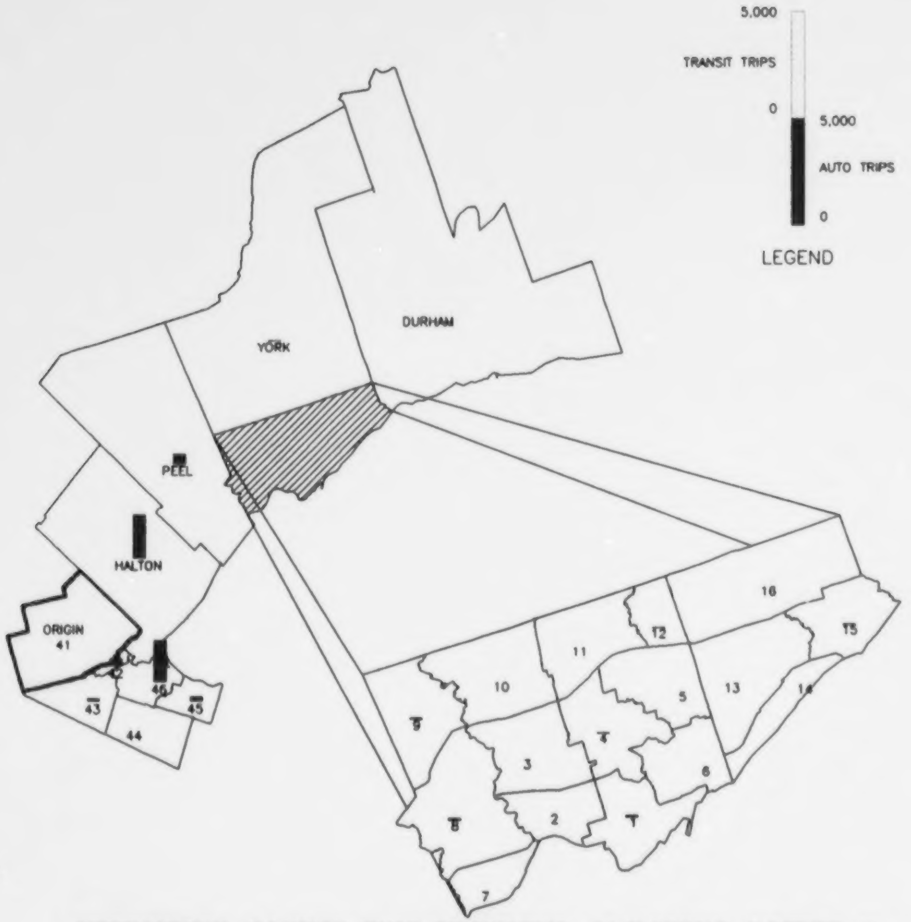
PLANNING DISTRICT 41: TOWN OF FLAMBOROUGH

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
DESTINATION 41
42
43
44
45
46
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 41

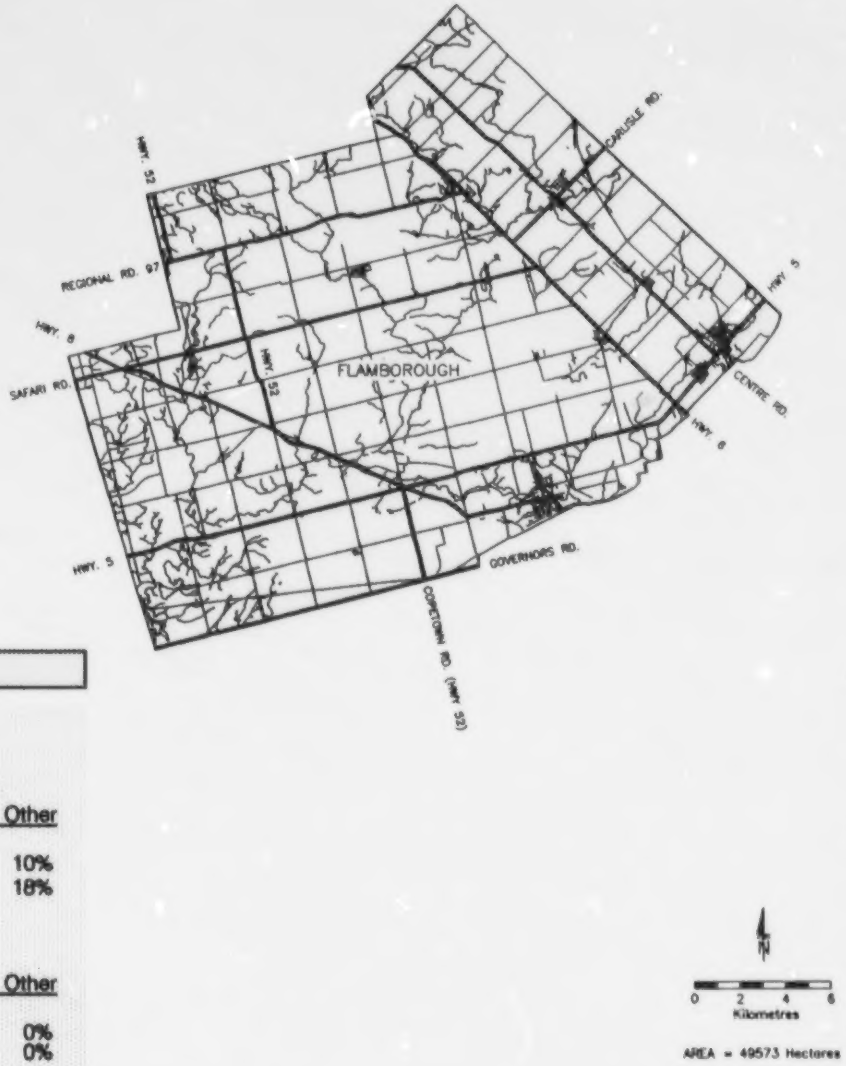
WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
PEEL
HALTON
ORIGIN 41
42
43
44
45
46
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 41

PLANNING DISTRICT 41: TOWN OF FLAMBOROUGH

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 8,200

Dwelling Type	House	Apartment/Other			
	91%	9%			
Household Size (persons)	1	2	3	4	5+
	8%	33%	19%	25%	15%
No. of Available Vehicles	0	1	2	3	4+
	2%	29%	52%	13%	4%

Statistics
Persons per Household = 3.09
Employees per Household = 1.40
Drivers per Household = 2.04
Vehicles per Household = 1.90

TOTAL POPULATION: 25,500

	Male	Female	Total
Population:	13,000	12,500	25,500
Employment Status:			
Full Time	48%	27%	38%
Part Time	3%	14%	8%
Student	24%	19%	21%
Age: Average = 33.3			
00 - 05	10%	8%	9%
06 - 15	18%	14%	16%
16 - 64	65%	69%	67%
65 - 98	7%	9%	8%
Licensed Drivers:	68%	67%	67%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 41

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	10,800	61%	22%	1%	5%	11%
24 hours	59,100	17%	9%	10%	42%	22%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	10,800	82%	14%	4%	0%
24 hours	59,100	85%	12%	3%	0%
Average Trip Length (km)		15.2	10.9		

Daily Trips per Person (one-way) = 2.32
Daily Work Trips per Employed Person = 0.72

TRIPS MADE TO PLANNING DISTRICT 41

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	4,800	61%	18%	1%	10%	10%
24 hours	42,700	12%	7%	5%	58%	18%

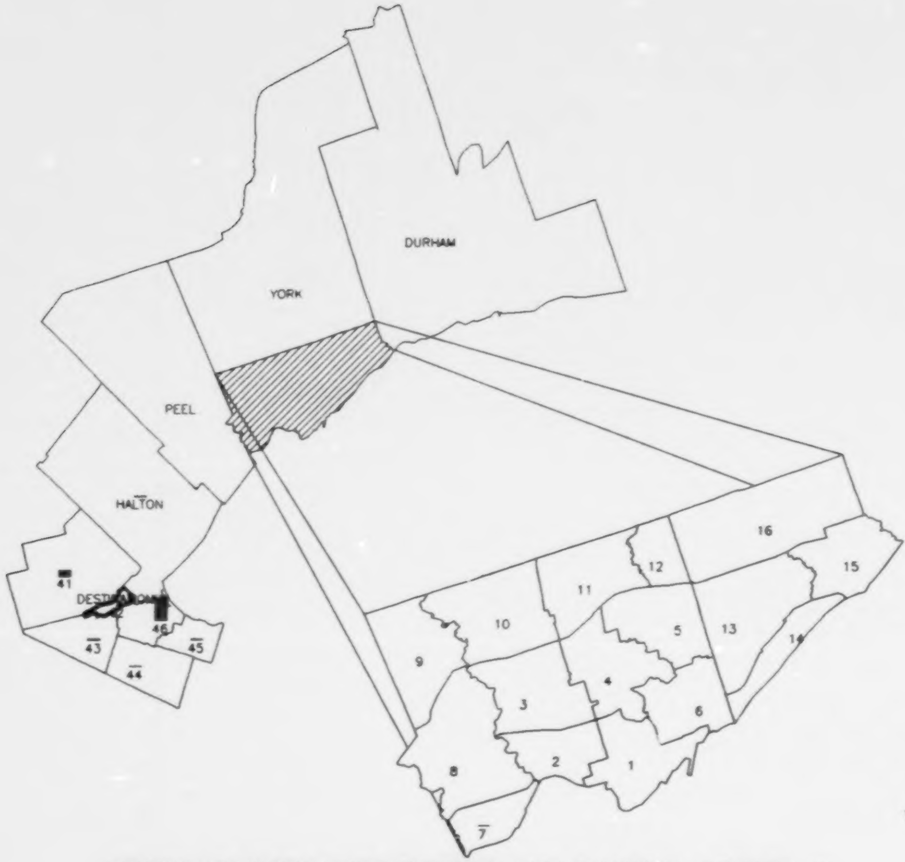
Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	4,800	84%	9%	7%	0%
24 hours	42,700	83%	13%	4%	0%
Average Trip Length (km)		14.4	9.5		

Percentage of trips made within district: 6 - 9 am = 55%
24 hours = 44%

THE TRANSPORTATION TOMORROW SURVEY
DATA MANAGEMENT GROUP

PLANNING DISTRICT 42: TOWN OF DUNDAS

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
41
DESTINATION
42
46
43
44
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16
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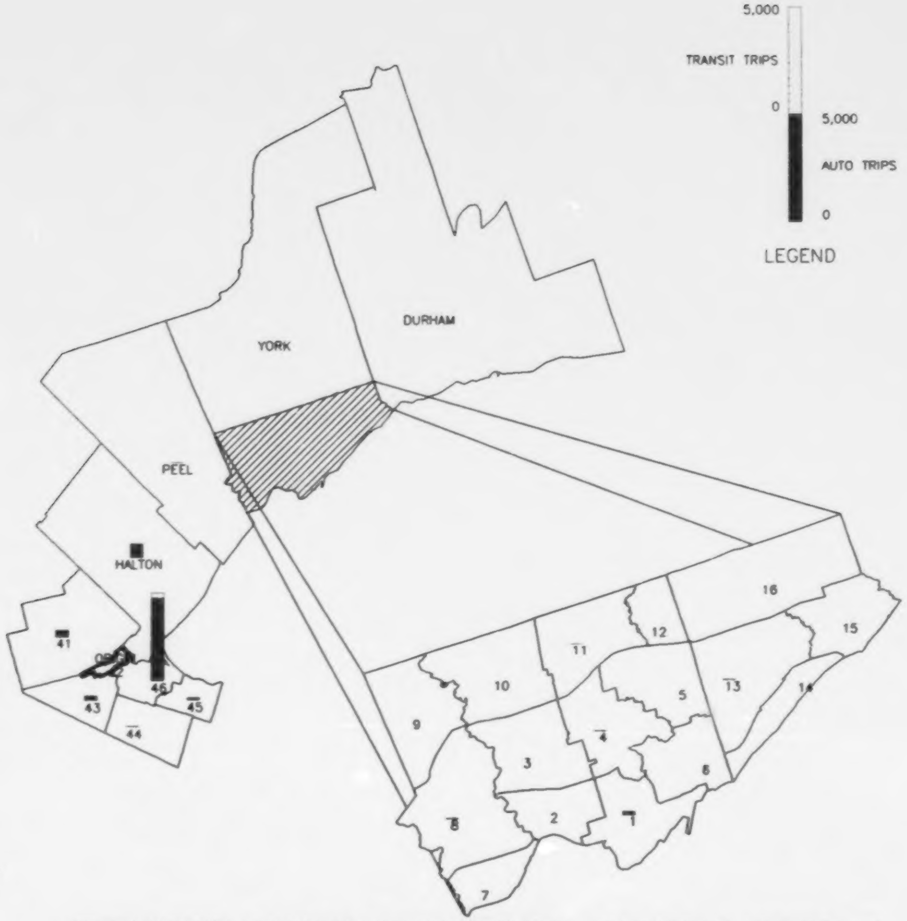
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 42

▮ WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
0
LEGEND
DURHAM
YORK
PEEL
HALTON
41
ORIGIN
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43
44
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16
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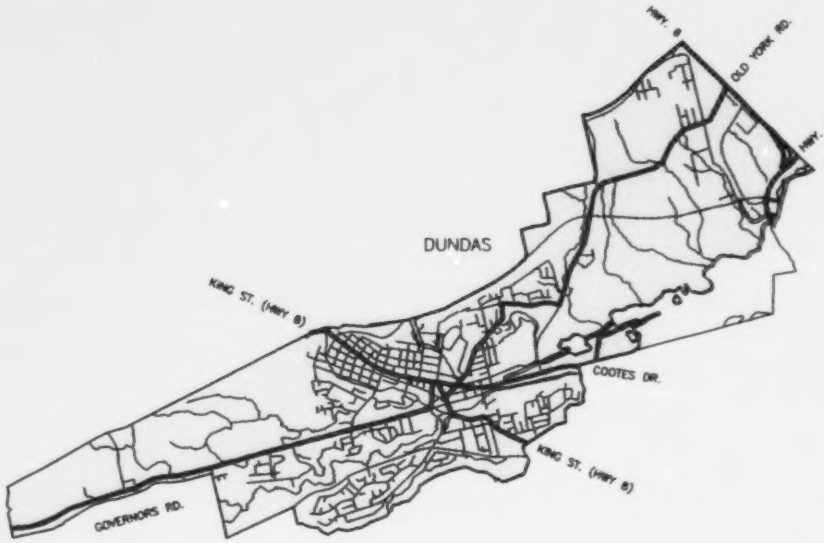
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 42

PLANNING DISTRICT 42: TOWN OF DUNDAS

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH



N
0
2
Kilometres
AREA = 2342 Hectares

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,100

Dwelling Type	House	Apartment/Other			
	77%	23%			

Household Size (persons)	1	2	3	4	5+
	15%	34%	21%	21%	9%

No. of Available Vehicles	0	1	2	3	4+
	8%	40%	41%	8%	3%

Statistics
Persons per Household = 2.75
Employees per Household = 1.31
Drivers per Household = 1.83
Vehicles per Household = 1.59

TOTAL POPULATION: 19,400

	Male	Female	Total
Population:	9,200	10,200	19,400
Employment Status:			
Full Time	54%	27%	40%
Part Time	3%	13%	8%
Student	20%	18%	19%
Age: Average = 36.3			
00 - 05	6%	8%	7%
06 - 15	14%	12%	13%
16 - 64	69%	69%	69%
65 - 98	11%	11%	11%
Licensed Drivers:	75%	62%	68%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 42

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	9,400	62%	22%	1%	2%	13%
24 hours	47,000	20%	8%	10%	41%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	9,000	78%	11%	10%	1%
24 hours	47,000	85%	7%	8%	0%
Average Trip Length (km)		9.7	6.1		

Daily Trips per Person (one-way) = 2.42
Daily Work Trips per Employed Person = 0.83

TRIPS MADE TO PLANNING DISTRICT 42

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	6,000	41%	36%	2%	3%	18%
24 hours	41,400	9%	9%	13%	46%	23%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	6,000	65%	19%	15%	1%
24 hours	41,400	83%	8%	9%	0%
Average Trip Length (km)		7.0	6.8		

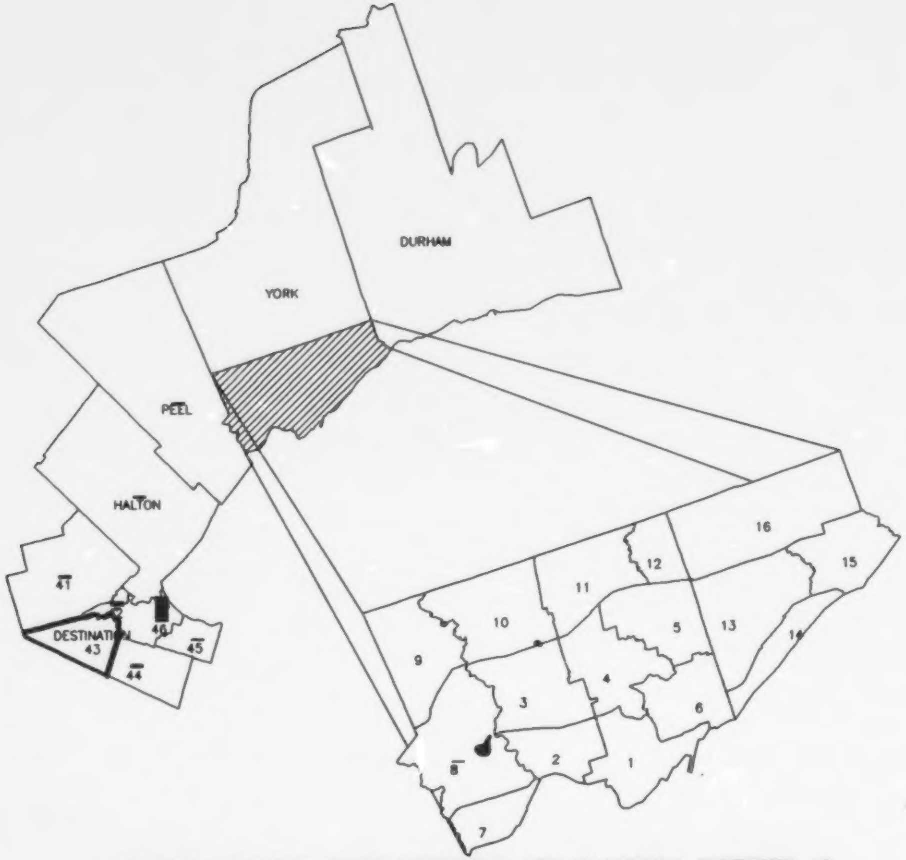
Percentage of trips made within district: 6 - 9 am = 55%
24 hours = 47%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 43: TOWN OF ANCASTER

24-HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
41
DESTINATION
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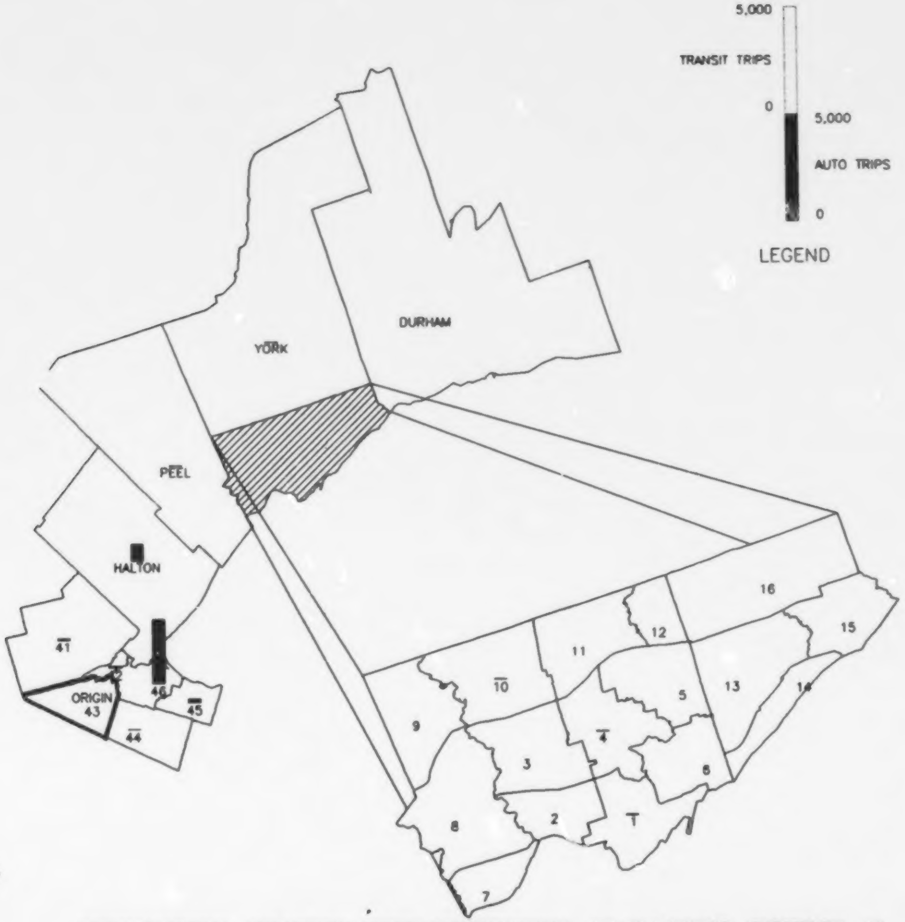
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 43

▮ WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
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LEGEND
DURHAM
YORK
PEEL
HALTON
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ORIGIN
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 43

PLANNING DISTRICT 43: TOWN OF ANCASTER

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 5,400

Dwelling Type	House	Apartment/Other
	97%	3%

Household Size (persons)	1	2	3	4	5+
	8%	30%	22%	26%	14%

No. of Available Vehicles	0	1	2	3	4+
	2%	22%	55%	16%	5%

Statistics
Persons per Household = 3.15
Employees per Household = 1.48
Drivers per Household = 2.19
Vehicles per Household = 2.03

TOTAL POPULATION: 17,100

	Male	Female	Total
Population:	8,800	8,300	17,100
Employment Status:			
Full Time	53%	28%	41%
Part Time	3%	11%	7%
Student	22%	19%	20%
Age: Average = 34.3			
00 - 05	9%	10%	10%
06 - 15	15%	14%	14%
16 - 64	68%	68%	68%
65 - 98	8%	8%	8%
Licensed Drivers:	73%	68%	70%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 43

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	8,600	59%	19%	3%	4%	15%
24 hours	41,400	18%	9%	11%	41%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	8,600	86%	12%	2%	0%
24 hours	41,400	87%	10%	3%	0%
Average Trip Length (km)		11.5	9.5		

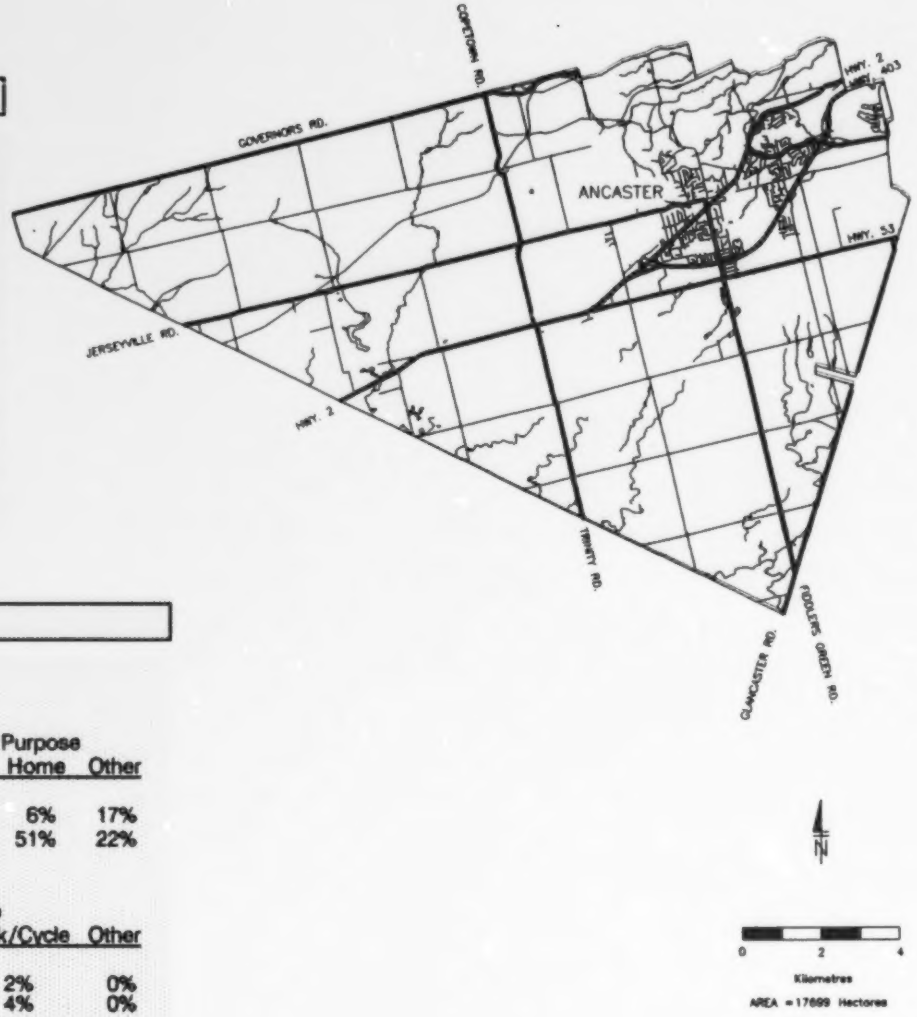
Daily Trips per Person (one-way) = 2.42
Daily Work Trips per Employed Person = 0.78

TRIPS MADE TO PLANNING DISTRICT 43

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	4,700	46%	27%	4%	6%	17%
24 hours	33,500	11%	8%	8%	51%	22%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	4,700	79%	19%	2%	0%
24 hours	33,500	84%	12%	4%	0%
Average Trip Length (km)		10.2	7.5		

Percentage of trips made within district: 6 - 9 am = 53%
24 hours = 45%



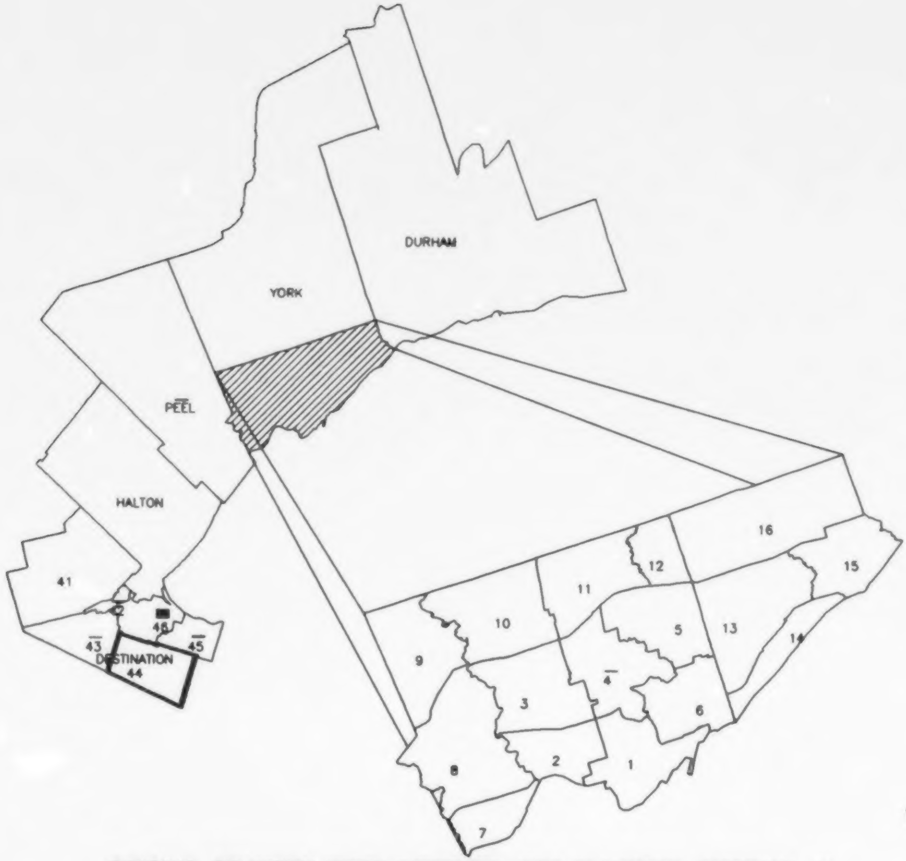
TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 44: TOWNSHIP OF GLANBROOK

24 - HOUR WORK TRIPS

5,000
TRANSIT TRIPS
0
5,000
AUTO TRIPS
0
LEGEND


DURHAM
YORK
PEEL
HALTON
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DESTINATION 44
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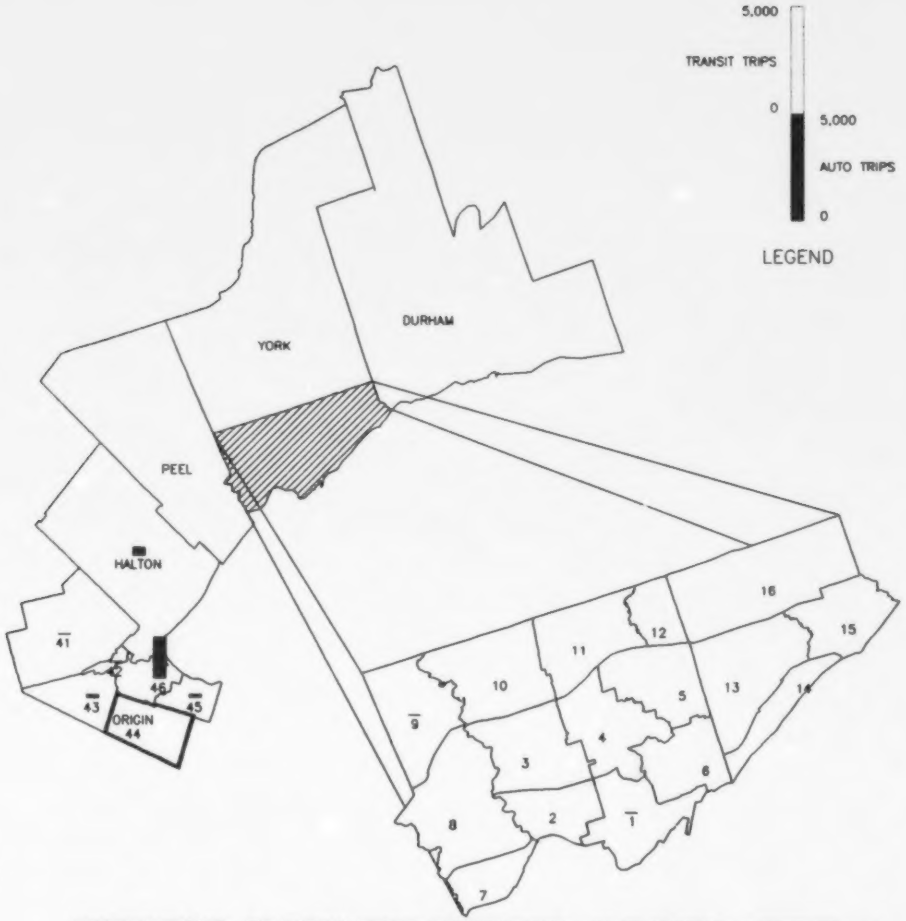
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 44

WORK TRIPS WITHIN THE PLANNING DISTRICT


DURHAM
YORK
PEEL
HALTON
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43
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ORIGIN 44
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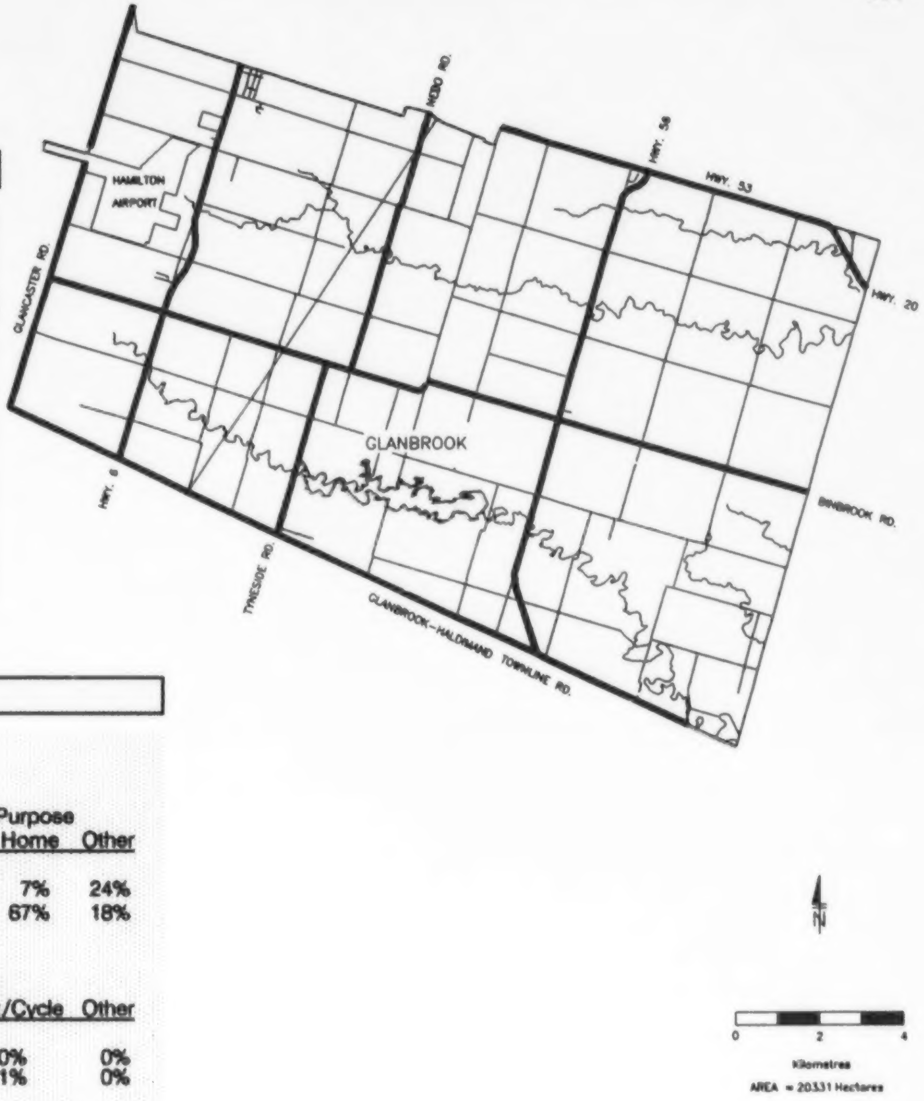
DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 44

PLANNING DISTRICT 44: TOWNSHIP OF GLANBROOK

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH


HAMILTON
AIRPORT
GLANCASTER RD.
HEIDO RD.
HWY. 56
HWY. 53
HWY. 20
GLANBROOK
HWY. 6
TYNESIDE RD.
BINBROOK RD.
GLANBROOK-HALDIMAND TOWNLINE RD.
N
0
2
4
Kilometres
AREA = 20331 Hectares

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 3,000

Dwelling Type	House	Apartment/Other
	97%	3%

Household Size (persons)	1	2	3	4	5+
	9%	35%	20%	18%	18%

No. of Available Vehicles	0	1	2	3	4+
	1%	28%	42%	15%	14%

Statistics
Persons per Household = 3.09
Employees per Household = 1.48
Drivers per Household = 2.22
Vehicles per Household = 2.21

TOTAL POPULATION: 9,200

	Male	Female	Total
Population:	4,800	4,400	9,200
Employment Status:			
Full Time	52%	25%	39%
Part Time	5%	15%	10%
Student	18%	20%	19%
Age: Average = 35.3			
00 - 05	7%	5%	6%
06 - 15	12%	14%	13%
16 - 64	70%	72%	71%
65 - 98	11%	9%	10%
Licensed Drivers:	76%	70%	73%

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 44

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	3,500	65%	24%	0%	2%	9%
24 hours	20,900	18%	9%	11%	41%	21%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	3,500	79%	19%	1%	1%
24 hours	20,900	86%	13%	1%	0%
Average Trip Length (km)		14.0	13.1		

Daily Trips per Person (one-way) = 2.27
Daily Work Trips per Employed Person = 0.73

TRIPS MADE TO PLANNING DISTRICT 44

Time Period	Total Trips	Destination Trip Purpose Work	School	Shop	Home	Other
6 - 9 am	1,000	60%	7%	2%	7%	24%
24 hours	13,000	8%	5%	2%	67%	18%

Time Period	Total Trips	Travel Mode Automobile	Transit	Walk/Cycle	Other
6 - 9 am	1,000	93%	7%	0%	0%
24 hours	13,000	85%	14%	1%	0%
Average Trip Length (km)		13.7	11.3		

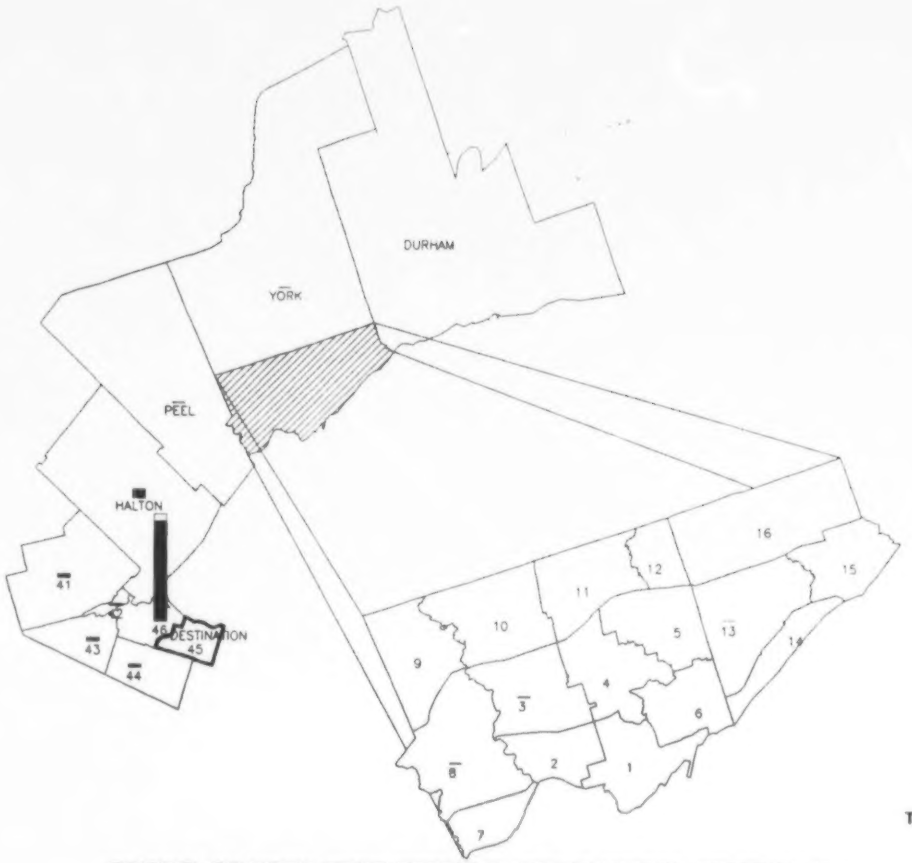
Percentage of trips made within district: 6 - 9 am = 25%
24 hours = 22%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 45: TOWN OF STONEY CREEK

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
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44
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DESTINATION
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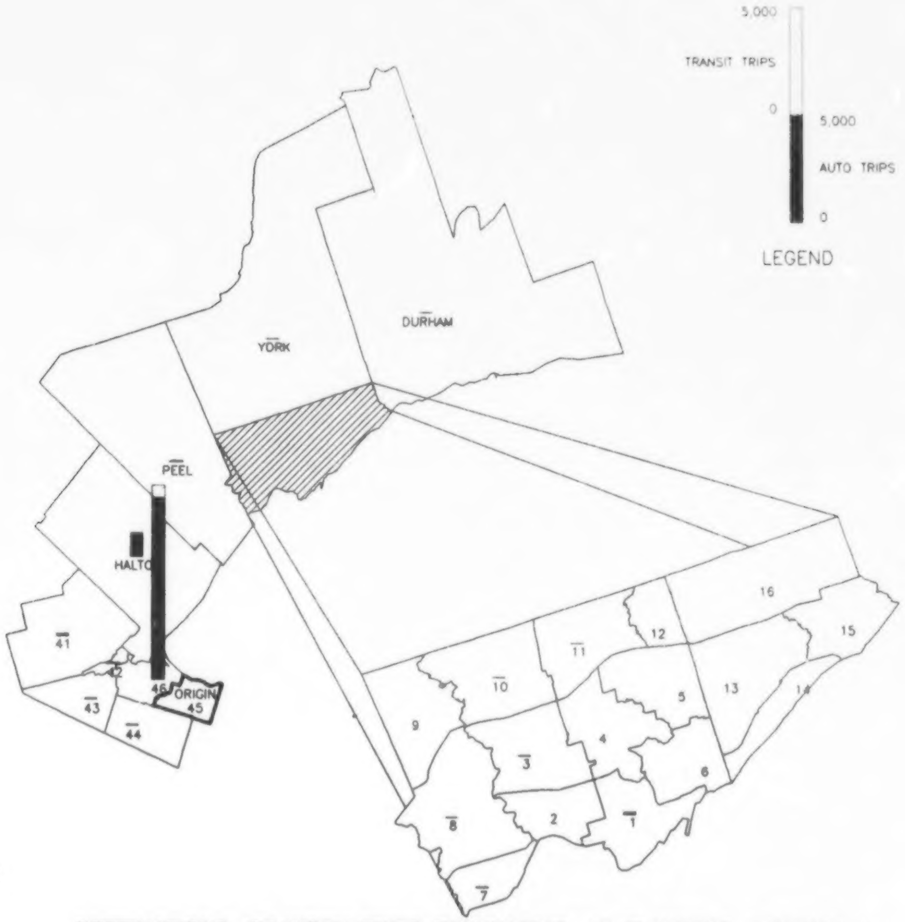
ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 45

WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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5,000
AUTO TRIPS
0
LEGEND
YORK
DURHAM
PEEL
HALTON
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42
43
44
46
ORIGIN
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16
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 45

PLANNING DISTRICT 45: TOWN OF STONEY CREEK

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

DEMOGRAPHIC CHARACTERISTICS

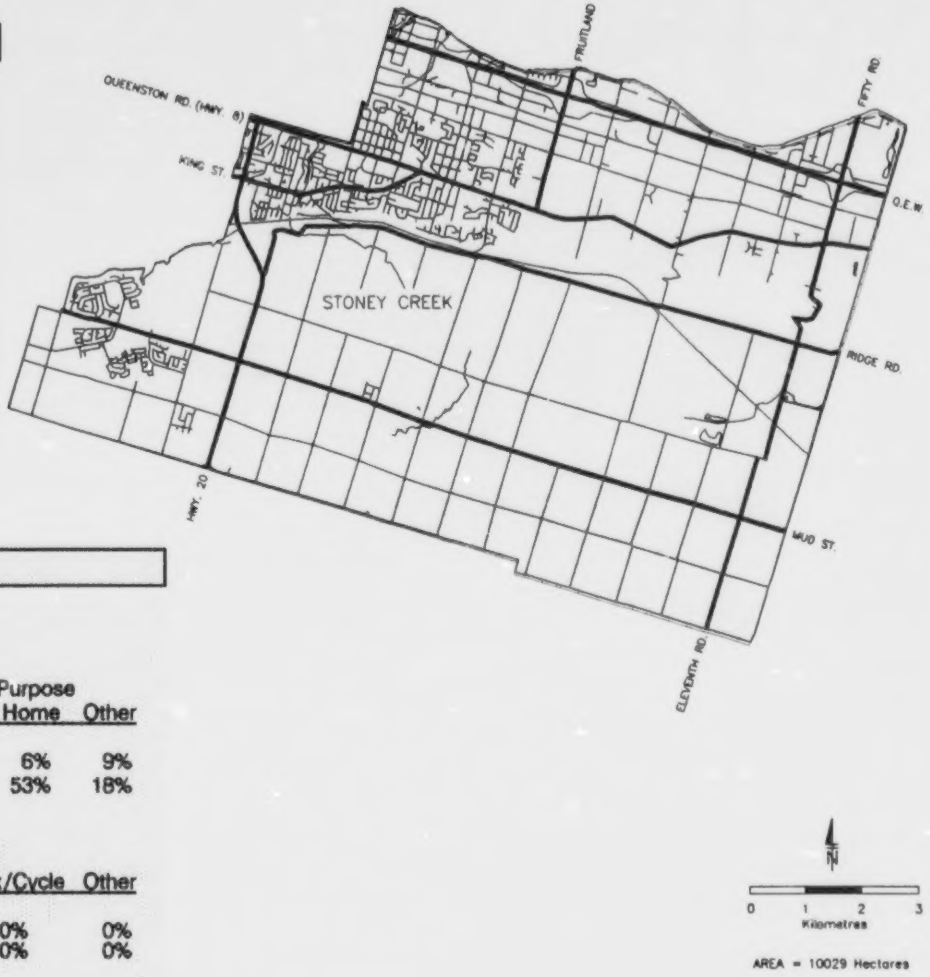
TOTAL NUMBER OF HOUSEHOLDS: 14,000

Dwelling Type	House	Apartment/Other			
	81%	19%			
Household Size (persons)	1	2	3	4	5+
	10%	31%	19%	27%	13%
No. of Available Vehicles	0	1	2	3	4+
	6%	34%	42%	14%	4%

Statistics
Persons per Household = 3.06
Employees per Household = 1.44
Drivers per Household = 1.97
Vehicles per Household = 1.79

TOTAL POPULATION: 42,800

	Male	Female	Total
Population:	21,300	21,500	42,800
Employment Status:			
Full Time	53%	29%	41%
Part Time	4%	10%	7%
Student	22%	24%	23%
Age: Average = 33.6			
00 - 05	8%	6%	7%
06 - 15	15%	17%	16%
16 - 64	68%	69%	68%
65 - 98	9%	8%	9%
Licensed Drivers:	71%	59%	65%



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 45

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	19,300	62%	24%	1%	4%	9%
24 hours	101,600	17%	9%	10%	43%	21%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	19,300	79%	13%	8%	0%
24 hours	101,600	82%	9%	8%	1%
Average Trip Length (km)		9.8	6.2		

Daily Trips per Person (one-way) = 2.37
Daily Work Trips per Employed Person = 0.77

TRIPS MADE TO PLANNING DISTRICT 45

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	12,700	58%	26%	1%	6%	9%
24 hours	81,900	14%	9%	6%	53%	18%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	12,700	78%	12%	10%	0%
24 hours	81,900	81%	9%	10%	0%
Average Trip Length (km)		9.0	5.7		

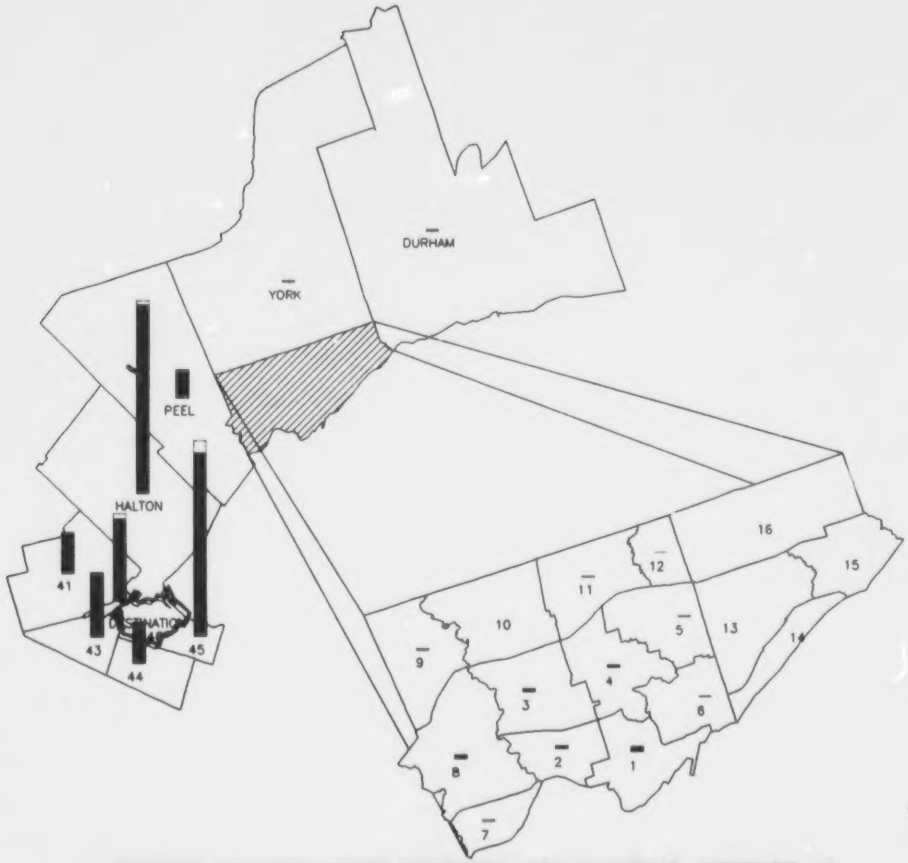
Percentage of trips made within district: 6 - 9 am = 47%
24 hours = 44%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

PLANNING DISTRICT 46: CITY OF HAMILTON

24 - HOUR WORK TRIPS


DURHAM
YORK
PEEL
HALTON
DESTINATION 46
41
43
44
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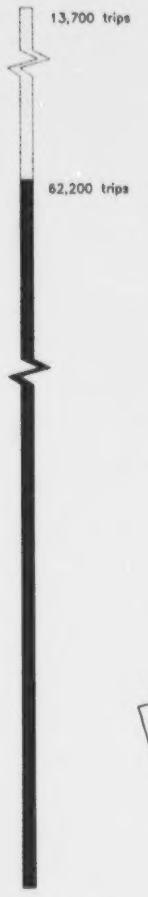
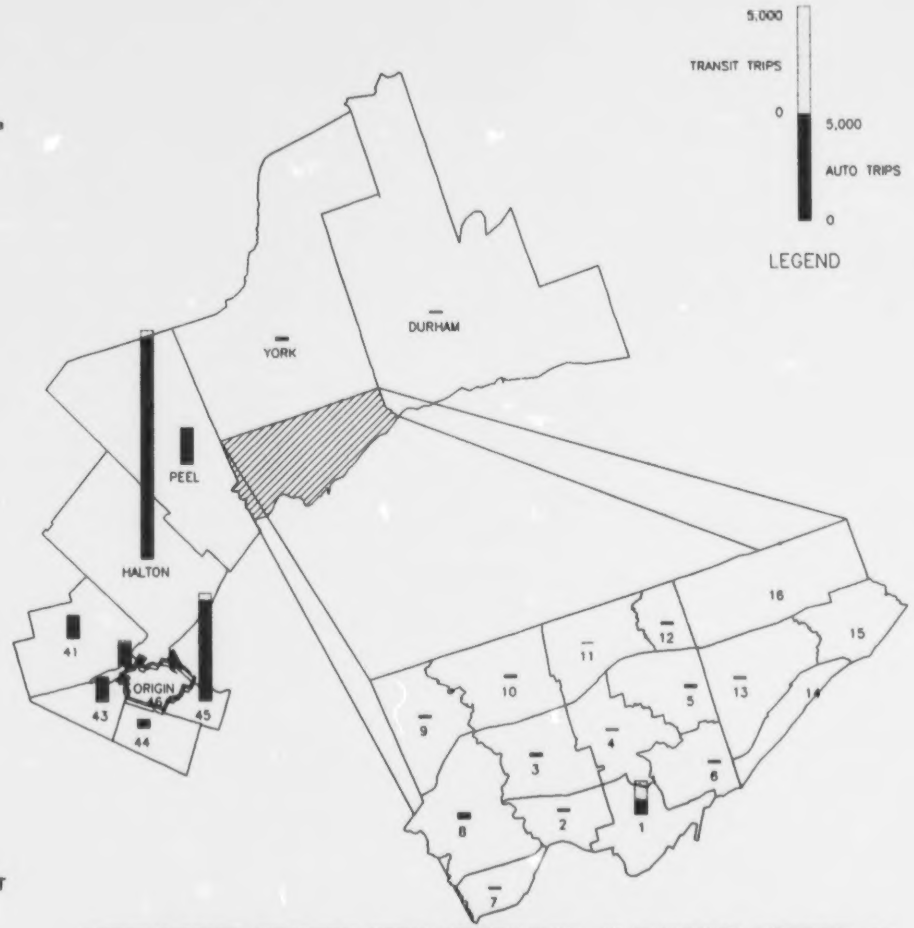
16

ORIGINS OF WORK TRIPS DESTINED FOR PLANNING DISTRICT 46



WORK TRIPS WITHIN THE PLANNING DISTRICT


5,000
TRANSIT TRIPS
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AUTO TRIPS
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LEGEND
DURHAM
YORK
PEEL
HALTON
ORIGIN 46
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DESTINATIONS OF WORK TRIPS ORIGINATING IN PLANNING DISTRICT 46

PLANNING DISTRICT 46: CITY OF HAMILTON

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

DEMOGRAPHIC CHARACTERISTICS

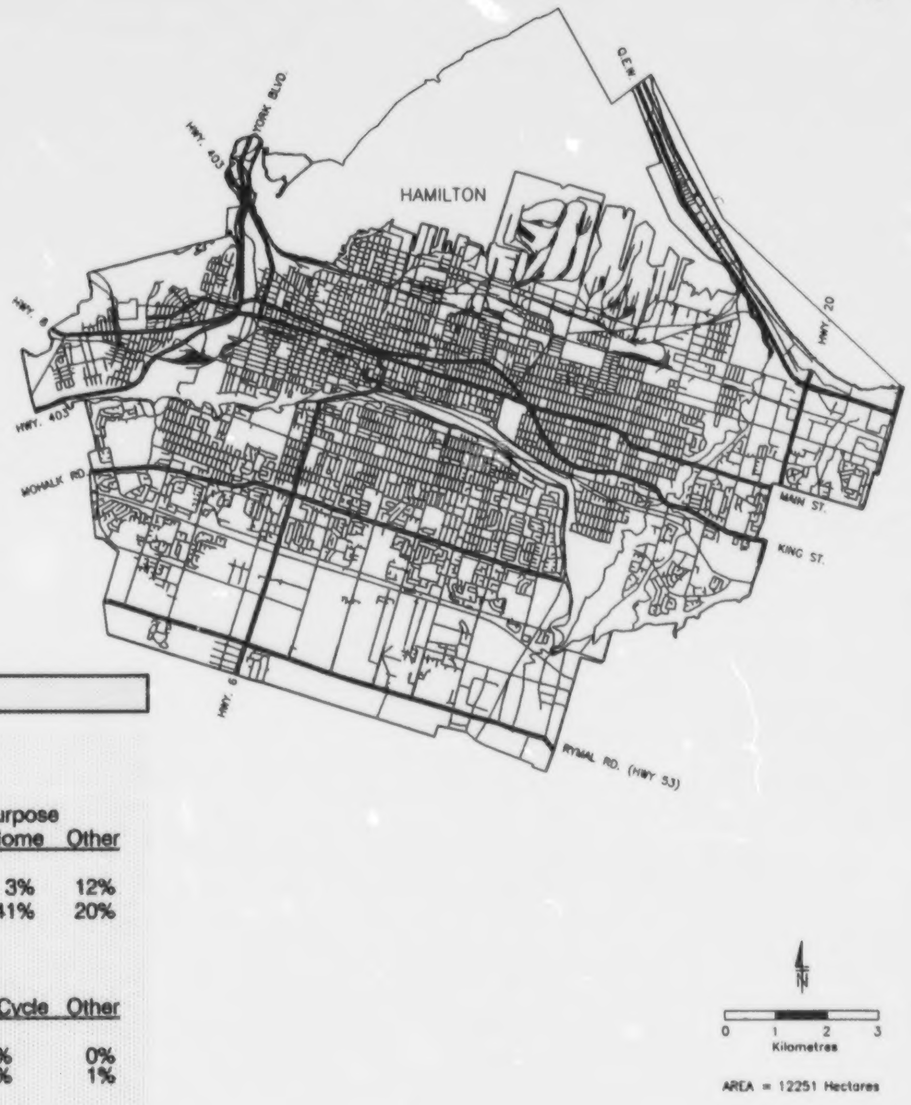
TOTAL NUMBER OF HOUSEHOLDS: 118,500

Dwelling Type	House	Apartment/Other			
	67%	33%			
Household Size (persons)	1	2	3	4	5+
	24%	32%	17%	18%	9%
No. of Available Vehicles	0	1	2	3	4+
	18%	50%	26%	5%	1%

Statistics
Persons per Household = 2.61
Employees per Household = 1.24
Drivers per Household = 1.54
Vehicles per Household = 1.23

TOTAL POPULATION: 309,300

	Male	Female	Total
Population:	150,400	158,900	309,300
Employment Status:			
Full Time	52%	27%	39%
Part Time	4%	14%	9%
Student	20%	18%	19%
Age: Average = 35.7			
00 - 05	7%	6%	7%
06 - 15	14%	12%	13%
16 - 64	69%	68%	69%
65 - 98	10%	14%	11%
Licensed Drivers:	70%	51%	60%



AREA = 12251 Hectares

TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF PLANNING DISTRICT 46

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	127,500	63%	22%	1%	4%	10%
24 hours	679,800	19%	9%	10%	43%	19%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	127,500	69%	16%	14%	1%
24 hours	679,800	75%	13%	12%	0%
Average Trip Length (km)		8.0	6.2		

Daily Trips per Person (one-way) = 2.20
Daily Work Trips per Employed Person = 0.76

TRIPS MADE TO PLANNING DISTRICT 46

Time Period	Total Trips	Destination Trip Purpose				
		Work	School	Shop	Home	Other
6 - 9 am	137,800	61%	23%	1%	3%	12%
24 hours	703,400	19%	9%	11%	41%	20%

Time Period	Total Trips	Travel Mode			
		Automobile	Transit	Walk/Cycle	Other
6 - 9 am	137,800	70%	16%	14%	0%
24 hours	703,400	75%	13%	11%	1%
Average Trip Length (km)		7.0	5.5		

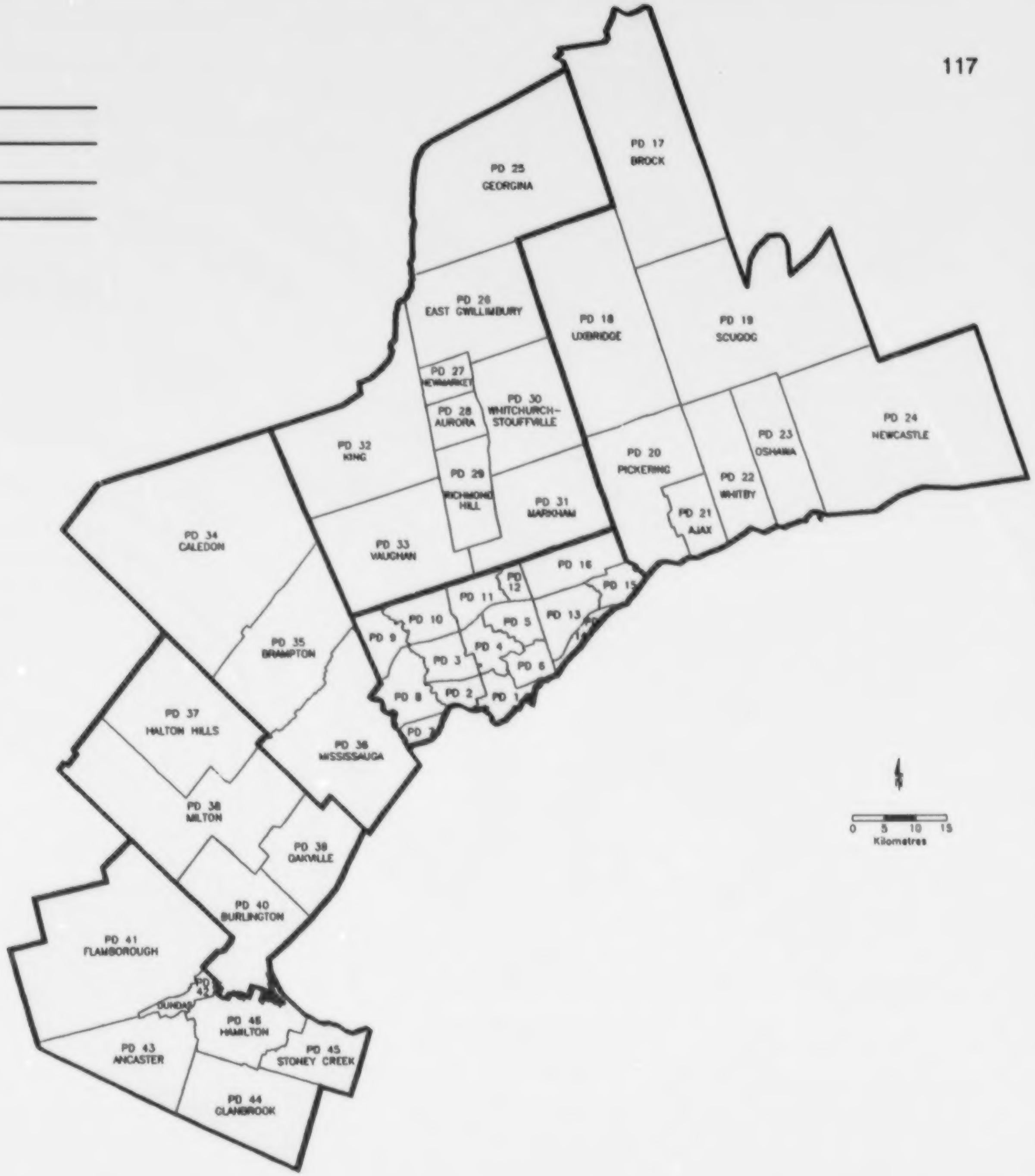
Percentage of trips made within district: 6 - 9 am = 75%
24 hours = 81%

THE TRANSPORTATION TOMORROW SURVEY

DATA MANAGEMENT GROUP

ORIGIN-DESTINATION

MATRICES


PD 25
GEORGINA
PD 17
BROCK
PD 26
EAST GWILLIMBURY
PD 18
UXBRIDGE
PD 19
SCUGOG
PD 27
NEWMARKET
PD 28
AURORA
PD 30
WHITCHURCH-
STOUFFVILLE
PD 24
NEWCASTLE
PD 23
OSHAWA
PD 32
KING
PD 20
PICKERING
PD 29
RICHMOND
HILL
PD 22
WHITBY
PD 31
MARKHAM
PD 21
AJAX
PD 34
CALEDON
PD 33
VAUGHAN
PD 16
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PD 35
BRAMPTON
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PD 7
PD 37
HALTON HILLS
PD 36
MISSISSAUGA
PD 38
MILTON
PD 39
OAKVILLE
PD 40
BURLINGTON
PD 41
FLAMBOROUGH
PD 42
DUNDAS
PD 46
HAMILTON
PD 43
ANCASTER
PD 45
STONEY CREEK
PD 44
GLANBROOK
0 5 10 15
Kilometres

O-D TRIP MATRIX FOR 46 ZONE SYSTEM

PURPOSE: All
MODE: All
PERIOD: 24 Hour

TO:

		METROPOLITAN TORONTO																DURHAM								
FROM:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
METRO	1	180,400	64,400	40,600	74,600	21,100	64,800	7,300	31,500	6,900	14,300	22,900	13,900	26,100	9,400	8,300	20,700	100	400	300	4,800	2,400	2,100	2,400	500	1
TORONTO	2	63,700	91,100	26,600	12,000	3,300	7,000	4,100	19,500	3,900	6,400	3,300	1,600	4,100	1,200	700	1,900			100	400	300	200	300	100	2
	3	41,700	26,300	128,400	23,500	4,800	5,300	2,900	18,200	10,000	32,500	11,300	3,300	5,200	800	1,100	3,700	100		100	600	600	100	600	100	3
	4	74,900	11,800	24,300	131,900	21,100	18,600	1,400	7,300	2,600	9,500	21,700	7,700	10,400	2,200	2,100	7,700		100	100	1,000	600	500	900	100	4
	5	22,200	2,800	5,000	21,300	62,400	10,900	700	2,900	1,300	5,200	11,500	13,300	19,600	1,900	2,800	10,800	100	100		1,900	900	700	700	200	5
	6	64,800	7,100	5,300	19,400	10,900	115,000	1,400	3,300	1,700	2,500	4,300	4,000	25,700	6,800	2,700	6,700		100		1,200	500	400	500	100	6
	7	7,800	3,900	2,900	1,400	600	1,300	30,800	17,100	2,700	1,700	900	200	600	200	200	600		100		100	100	100	200		7
	8	31,700	19,400	17,800	7,300	3,100	3,200	17,400	155,000	20,800	8,800	3,200	1,400	2,700	400	500	1,600	100		100	300	100	100	500	100	8
	9	7,200	4,000	9,600	2,800	1,400	1,800	2,700	20,500	71,100	15,100	2,700	1,100	1,800	400	500	1,700	100			400	100	100	200		9
	10	14,800	6,200	32,700	9,500	4,500	2,500	1,800	9,000	15,000	117,800	16,400	4,400	4,500	900	900	5,200		200		700	300	300	300	100	10
	11	22,100	3,200	11,400	21,600	11,600	4,300	900	3,300	3,000	17,200	89,700	14,900	5,700	1,000	1,200	7,400		100	100	800	400	200	500	100	11
	12	13,500	1,500	3,300	7,300	13,700	3,800	300	1,300	1,000	4,500	15,000	42,100	7,900	1,000	1,800	16,000		300		1,100	400	500	500	100	12
	13	27,600	3,800	5,400	10,500	19,800	24,700	800	2,600	1,800	4,400	5,300	7,900	170,000	20,400	20,100	40,500	100	200	200	5,500	2,600	1,600	2,400	200	13
	14	9,500	1,200	700	2,100	2,100	6,900	200	400	400	700	900	1,200	19,900	29,000	6,100	4,300		100		800	300	200	400		14
	15	8,300	600	1,200	1,900	2,900	3,000	200	500	600	1,000	1,400	1,700	19,300	6,100	47,900	9,800		200	100	3,600	1,000	800	600	100	15
	16	21,000	1,900	3,600	7,800	10,700	7,300	500	1,700	1,800	5,200	7,600	15,800	40,700	4,100	9,300	129,800		300	100	3,000	1,300	900	1,500	300	16
DURHAM	17	100			100	200			100					100				10,000	800	500		100	200	400		17
	18	500		100	100	100					200	100	200	300	100	100	300	800	11,100	1,000	400	300	300	500	100	18
	19	300	100			100			100			100		200			100	600	900	16,200	200	400	800	4,000	700	19
	20	4,700	400	700	900	1,700	1,200	200	300	400	800	1,000	1,200	5,500	1,000	3,600	3,100		400	200	43,700	10,800	3,300	4,800	700	20
	21	2,600	300	500	600	900	400	100	100	100	300	400	400	2,700	200	1,000	1,300	100	200	300	11,000	35,000	4,400	6,500	500	21
	22	2,100	200	200	600	600	500	100	100	100	400	300	300	1,600	100	800	800	200	200	700	3,700	4,300	50,200	22,400	1,700	22
	23	2,700	200	700	900	900	500	300	400	200	400	600	500	2,300	400	600	1,600	400	500	3,900	4,700	6,400	22,100	210,400	13,400	23
	24	500	100	100	100	100	100		100		100	100		300		100	300		100	800	600	500	1,800	13,400	36,300	24
YORK	25	700		100	300	200	200			100	300	100	200	600	100	200	300	1,400	200	100	100	100				25
	26	500	100	200	200	200	100		100	100	300	300	100	200			200		200	200					100	26
	27	1,300	400	500	500	300	400	100	400	300	1,100	700	500	500		100	400	100	400		200	100	100	100		27
	28	1,400	200	200	700	400	200		100	300	700	600	200	500		100	300	100	100		100			200		28
	29	3,400	400	1,500	2,000	900	600	100	800	700	2,900	4,900	1,500	1,100	200	300	1,300		100	100	100	100	100	200		29
	30	700	100	200	300	400	200	100	100	100	200	500	300	800	200	200	600	200	1,000	100	400	100	100	100		30
	31	13,300	1,800	3,600	6,900	7,800	3,800	400	1,600	1,400	5,100	15,000	9,200	10,400	1,600	2,400	17,700	100	1,000	200	1,800	500	700	1,200	400	31
	32	700	200	500	200	100	100	100	700	800	800	300	100	1,000			300				100					32
	33	5,800	3,000	8,800	4,600	1,600	900	600	3,400	6,500	16,200	11,500	2,400	2,000	200	400	1,800		200		300	100	100	200	100	33
PEEL	34	1,000	100	500	400	100	100	300	1,000	1,400	1,000	200		200			100		100					100	100	34
	35	7,500	2,200	4,200	2,000	1,300	900	1,400	6,300	8,300	6,200	1,400	600	1,500	200	400	1,100				200	100	100	200	100	35
	36	37,200	13,200	13,700	7,400	4,200	4,500	13,400	46,100	19,300	10,400	5,000	2,200	3,800	800	700	3,700				1,000	500	300	700	200	36
HALTON	37	1,000	100	200	200	100		100	400	500	300	100		100		100	100								100	37
	38	1,300	100	200	300	100	100	300	600	400	400	100											100			38
	39	7,300	900	900	1,100	400	400	800	3,200	1,000	600	400	100	400	100	100	200							100		39
	40	3,900	500	400	700	200	100	400	1,200	500	500	100	100	300			100					100				40
HAMILTON-	41	300							100	100						100										41
WENTWORTH	42	300																								42
	43	100				100																				43
	44	100																								44
	45	400		100					100	100																45
	46	3,400	500	500	600	300	500	200	1,000	300	200	200	300	200			100				100		100	200		46
ZONE TOTAL		716,100	274,300	357,600	386,700	217,200	296,100	92,400	362,600	187,500	296,100	262,200	155,100	402,500	90,900	117,600	304,000	14,600	19,700	25,600	95,000	71,200	93,800	278,200	56,500	
REGION TOTAL																	4,518,800								654,600	

NOTE: All numbers have been rounded to the nearest hundred. As a result of this, there may be some discrepancy in the column and row totals.

O-D TRIP MATRIX FOR 46 ZONE SYSTEM (continued)

PURPOSE: All
MODE: All
PERIOD: 24 Hour

TO:

	YORK									PEEL			HALTON				HAMILTON-WENTWORTH						ZONE	REGION		
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	TOTAL	TOTAL	FROM:	
1	500	500	1,300	1,300	3,400	800	12,900	700	5,700	900	7,100	36,200	1,000	1,400	7,200	3,900	400	200	200	100	400	3,200	711,000		1	METRO
2	100		300	200	400	100	1,900	100	2,900	100	2,500	12,700	100	100	900	400						500	275,100		2	TORONTO
3		300	500	200	1,500	200	3,700	500	9,000	600	4,000	13,400	300	200	900	400					100	400	357,500		3	
4	300	200	600	700	2,000	300	7,100	300	4,100	500	2,300	7,800	300	300	1,000	700						500	387,600		4	
5	300	200	300	300	1,100	400	7,900	100	1,700	100	1,400	3,900	100		300	200						200	217,500		5	
6	300	100	400	100	500	200	3,700	100	900	200	600	4,600	100	100	300							500	297,000		6	
7			100		100	100	400	100	700	300	1,300	14,100	100	200	800	300	100					300	92,600		7	
8	100	100	300	100	500	100	1,700	600	3,500	1,100	6,200	46,600	400	600	3,200	1,100	200	100			100	900	362,900		8	
9		100	400	200	600	100	1,400	900	6,300	1,500	8,200	19,400	600	300	1,000	700					100	400	187,600		9	
10	300	300	1,100	700	2,800	200	5,000	900	16,600	900	6,300	10,400	200	300	800	400	100					200	295,300		10	
11	100	300	600	800	5,200	500	14,500	300	11,600	200	1,300	5,200	100	100	400	100						300	262,600		11	
12	200	200	500	300	1,400	300	9,800	100	2,600	100	600	2,300			100	100						200	155,600		12	
13	500	200	600	500	1,300	900	10,300	900	1,800	200	1,500	3,800	100		300	300						300	401,900		13	
14	100		100		200	100	1,600		200		200	800			100								91,100		14	
15	100		100	100	300	300	2,100		400		400	700			100	100							117,600		15	
16	300	100	300	400	1,400	600	17,800	300	1,700		1,200	3,600			200	300						200	304,600	4,517,600	16	
17	1,500		100	100		200	100																14,800		17	DURHAM
18	100	300	400	100	100	1,000	1,000		100	100		100											19,700		18	
19	100	200			100	100	100		100	100													25,700		19	
20	100		200	100	200	300	2,000	100	200		200	900	100									100	95,000		20	
21	100				100		700		100		100	500											71,400		21	
22			100		100	100	700		100		100	500		100	100		100					100	94,100		22	
23			100	100	400	100	1,200		200	100	200	600			100							200	278,200		23	
24		100					300	100	100	100	100	100		100									56,600	655,500	24	
25	26,800	1,100	2,700	500	600	400	1,100	100	500		200	100										100	39,300		25	YORK
26	1,100	5,900	5,900	800	300	300	500	300	500		100	200	100										19,100		26	
27	2,700	5,900	47,700	5,300	2,100	1,100	1,700	1,400	1,100	100	300	500			100								78,500		27	
28	500	900	5,200	17,800	2,500	600	1,200	1,700	1,000	100	300	200	100										38,500		28	
29	500	400	1,800	2,600	39,200	1,100	9,400	1,200	5,700	200	600	1,100	100		100							100	87,600		29	
30	400	300	1,200	700	1,000	11,700	4,000	200	100		200	200											26,700		30	
31	1,200	400	1,500	900	9,300	4,000	117,900	500	8,200	400	1,400	3,000	100	100	200	200						100	257,400		31	
32	100	200	1,500	1,800	1,000	100	500	6,600	2,100	800	400	500			500								22,400		32	
33	400	500	1,300	1,000	5,700	100	8,500	2,100	42,000	900	4,300	6,200	200	100	200	200					100	200	144,800	714,300	33	
34			100	100	200		500	700	1,000	24,400	7,900	3,100	1,200	200	400	100	300					200	47,200		34	PEEL
35	200		400	300	500	200	1,300	500	4,400	8,000	259,200	36,000	4,800	1,400	2,100	1,300	100					1,100	367,900		35	
36	100	100	600	200	1,200	200	2,700	600	7,000	2,800	36,000	494,200	3,600	3,600	20,400	6,200	500	300	100	100	300	4,500	773,500	1,188,500	36	
37		100		100	100		100		200	1,200	4,900	3,500	47,400	3,100	1,000	400						300	65,900		37	HALTON
38									100	200	1,200	3,800	3,100	46,100	2,700	2,500	600		100		100	800	65,400		38	
39			100		100		200	500	300	400	2,200	20,000	1,100	2,500	137,900	14,600	600	300	200	100	600	5,400	204,800		39	
40							300		200	100	1,300	6,100	400	2,600	14,800	192,900	6,200	1,500	1,500	300	2,200	29,100	268,900	605,100	40	
41										300	100	700	100	500	600	6,500	19,000	3,300	1,000	100	500	7,000	40,500		41	HAMILTON-
42												200			300	1,400	3,500	19,400	1,500	200	400	13,500	40,800		42	WENTWORTH
43												100		100	200	1,500	1,000	1,500	15,200	700	500	11,100	32,100		43	
44															200	400	100	200	600	2,800	1,500	6,200	12,300		44	
45									100			400		100	500	2,300	600	400	500	1,400	35,600	37,000	79,600		45	
46	100		100		100		200		200	200	1,200	4,200	100	700	5,400	29,000	7,300	13,200	11,100	6,200	36,900	568,300	693,400	898,700	46	
	39,300	19,100	78,400	38,400	87,600	26,700	258,000	22,400	145,100	47,300	367,600	772,500	65,900	65,200	205,300	268,700	40,800	40,600	32,100	12,100	79,600	693,300				
									715,100			1,187,400				605,200						898,600		8,579,600		

O-D TRIP MATRIX FOR 46 ZONE SYSTEM

PURPOSE: All
MODE: All
PERIOD: 6 to 9 AM

TO:

		METROPOLITAN TORONTO																DURHAM								
FROM:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
METRO TORONTO	1	35,400	3,100	1,800	5,600	1,400	2,400	700	1,700	800	1,400	1,300	700	1,500	200	200	800				200			100		1
	2	29,800	18,400	5,500	4,300	1,300	1,500	1,100	4,500	1,900	2,500	1,200	400	1,600	200	200	500				200	100			100	2
	3	21,700	7,500	29,800	6,800	1,400	1,400	800	2,900	3,300	9,400	2,500	600	1,800	100	100	800				200	100		200		3
	4	32,600	1,800	4,100	26,000	4,700	1,900	400	1,300	800	2,600	3,300	1,600	2,400	100	100	1,300				100		100	200		4
	5	10,800	800	1,500	5,800	13,600	2,200	200	400	500	2,000	2,200	2,700	3,800	100	300	1,800				300	100		100	100	5
	6	32,100	1,700	2,000	7,200	3,400	22,600	500	1,300	800	1,100	1,700	1,400	6,100	1,000	400	2,000				300	100		200		6
	7	3,700	1,300	800	400	200	100	7,800	4,600	1,100	700	400	100	200	100		100				100					7
	8	16,800	3,600	4,900	3,000	900	600	3,100	26,200	6,800	3,200	900	400	700		100	300				100			100		8
	9	3,400	600	1,900	900	400	200	700	3,600	14,700	4,300	500	200	400			300				100					9
	10	7,100	1,200	7,400	2,600	1,000	200	400	1,700	3,900	27,200	3,400	800	1,100	100	100	600				100	100		100		10
	11	11,900	700	2,600	5,700	2,500	900	200	700	1,200	5,500	17,100	1,900	1,200	100	200	1,200				200			100		11
	12	8,100	500	1,100	2,800	4,000	500		600	500	1,800	4,400	7,700	1,700	200	200	2,900				100			100		12
	13	15,400	800	1,500	4,000	5,600	3,900	200	800	600	1,500	1,700	2,000	32,100	2,300	2,000	6,400				600	300	100	400	100	13
	14	5,800	200	300	1,200	1,200	1,600		300	200	300	400	600	5,000	5,200	900	1,700				200	100	100	100		14
	15	5,700	200	800	1,100	1,700	1,100	100	300	300	600	600	600	6,200	1,500	9,700	3,200				400	200	200	100		15
	16	13,300	500	1,500	4,100	5,400	1,700	300	600	800	2,600	3,000	4,600	12,300	800	1,500	26,800				400	200	200	400	100	16
DURHAM	17					100			100					100				2,100	200	200		100	100	200		17
	18	300			100	100					100	100	100	100			200	100	2,100	100	100	100	100	100		18
	19	100												100			100	100	200	2,900	100	200	200	1,400	300	19
	20	3,300	100	200	400	1,000	200			200	400	500	700	2,500	200	500	1,400				7,200	2,800	400	900	100	20
	21	2,100	100	100	400	500	200			100	100	200	400	1,200	100	300	700		100		2,200	7,400	500	1,200	200	21
	22	1,300		100	400	300	100				200	200	200	900		300	300			100	1,100	1,500	8,800	4,200	500	22
	23	1,200		100	300	600	200	100		100	100	200	200	800	100	200	800			200	1,900	2,100	4,600	38,500	1,900	23
	24	300		100													100				300	200	600	3,900	7,500	24
YORK	25	300		100	100	100	100				100		100	300		100	100	300	100							25
	26	300		100	100	100	100		100		300	200	100	100			100			100						26
	27	900	100	200	300	200	100		100	200	500	400	400	300			100		100		100					27
	28	900		100	300	200	100			200	400	400	100	200			100									28
	29	2,100	100	500	800	600	100		200	300	1,200	1,500	300	500			600							100		29
	30	400		100	100	200					200	100	100	300	100		300		100							30
	31	7,100	400	1,000	2,400	2,500	800	200	400	600	1,700	3,500	2,400	3,600	100	400	3,200			100	300		100	100	100	31
	32	400	100	200	100			100	200	600	500	100		500			100									32
	33	3,700	400	2,200	1,600	400	100	100	700	1,700	4,000	2,100	500	600			200					100		100	100	33
PEEL	34	400		200	200			100	300	900	700	100													100	34
	35	4,700	500	1,600	1,100	600	100	600	2,300	4,400	3,200	500	200	300			400							100		35
	36	22,600	3,100	3,800	3,000	1,700	700	5,200	13,600	8,200	3,500	1,300	400	1,200	100	100	500				100			200		36
HALTON	37	700		100	200			100	200	400	200			100												37
	38	600		100	100			200	300	200	300	100														38
	39	5,100	100	200	600	300	100	300	1,100	600	300	100		100			100							100		39
	40	2,900	100	200	500	100		200	700	400	300			100			100									40
HAMILTON-WENTWORTH	41	100							100																	41
	42	100																								42
	43																									43
	44																									44
	45	100		100																						45
	46	1,200	200	100	200	100			200	100	100	100					100									46
ZONE TOTAL		317,100	48,100	79,100	94,800	58,700	46,000	23,900	72,300	57,400	85,300	56,500	32,900	92,200	13,000	18,500	60,300	2,800	3,100	3,800	16,900	16,100	16,400	53,400	11,300	
REGION TOTAL																	1,156,100								123,700	

NOTE: All numbers have been rounded to the nearest hundred. As a result of this, there may be some discrepancy in the column and row totals.

O-D TRIP MATRIX FOR 46 ZONE SYSTEM (continued)

PURPOSE: All
MODE: All
PERIOD: 6 to 9 AM

TO:

	YORK									PEEL			HALTON				HAMILTON-WENTWORTH						ZONE	REGION	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	TOTAL	TOTAL	FROM:
1					200	100	800		600		400	1,800	100	100	300	100						300	64,100		1 METRO
2			100	200	100		1,000		1,300	100	900	4,300			300	100						100	83,900		2 TORONTO
3			100		300		1,300	100	3,200		900	4,600			200	100						100	102,800		3
4				100	300		1,500	100	700	100	500	1,500			100							200	90,500		4
5					100		2,000		700		200	800				100							53,300		5
6			100		100	100	1,400		400		100	2,100			100							100	90,500		6
7					100		100		300	100	300	2,900			100	100						100	25,700		7
8					100		500	100	1,100	200	1,900	9,400			600	200						200	86,600		8
9			100		100		400		1,500		1,000	3,200			100								38,900		9
10			200	100	500		1,300	100	5,700		1,200	3,100			100							100	71,800		10
11				100	800	100	2,300	100	2,300		300	1,700										100	61,800		11
12			100	100	300		2,500		700		200	900											42,100		12
13			100		200	100	2,700	100	600		300	1,300			100								87,900		13
14					100		600		100		100	300											26,900		14
15					100		900		200		200	200											36,500		15
16			100		600		6,000	100	800		300	1,500				100							90,600	1,053,900	16
17	400			100		100																	3,700		17 DURHAM
18			300			100	500		100														4,900		18
19																							6,000		19
20			100		100		900		100		100	300											24,700		20
21							400					300											19,000		21
22							300					200											21,200		22
23							400				100	100											55,100		23
24							100																13,400	148,000	24
25	4,400	400	1,000	400	300	100	800	100	300		200												9,800		25 YORK
26	100	1,200	1,800	400	200	200	400	100	400			100											6,900		26
27	100	400	8,700	1,300	800	200	700	400	600	100	100	300			100								17,700		27
28		100	800	3,300	600	200	600	300	700		200	200											10,300		28
29			300	400	6,400	200	2,900	200	1,700	100	300	400			100								22,000		29
30			300	200	300	2,200	1,200	100			100	100											6,800		30
31			200	100	1,700	600	21,400	100	1,300		300	1,200			100								58,100		31
32	100	100	200	400	200		300	1,200	1,100	100	200	200			100								7,300		32
33			100	100	900		2,500	200	8,700	200	700	1,400			100								33,600	172,500	33
34					100		200		200	3,700	3,100	1,900	300	100	100							100	13,200		34 PEEL
35			100		100		600		2,000	900	51,700	15,200	300	100	600	200						200	92,600		35
36					300		700	100	2,200	300	6,500	107,000	300	400	4,400	800					100	1,100	193,700	299,500	36
37									100	200	2,300	1,900	7,800	1,000	300	100						100	15,900		37 HALTON
38									100		400	2,000	500	7,100	1,100	500						200	13,900		38
39							100	200	100	100	600	6,600	100	200	23,000	1,600						1,200	43,000		39
40							200		100		500	2,900	100	600	5,000	29,500	600	100	100		400	8,100	54,100	126,900	40
41												400		200	300	1,600	2,700	1,000	200		200	2,400	9,500		41 HAMILTON-
42															100	500	200	3,300	200		100	4,200	8,900		42 WENTWORTH
43															100	700	100	100	2,500		100	3,500	7,400		43
44															100	200		100	300	300	500	1,800	3,300		44
45												100			200	700	100	100	100	100	5,900	10,100	17,700		45
46											200	1,200		200	2,200	6,800	1,000	1,300	1,200	500	5,100	103,100	125,300	172,000	46
	5,300	2,200	15,000	7,700	16,100	4,400	60,800	4,000	40,100	6,300	76,300	183,500	9,900	10,400	40,100	44,100	4,800	6,000	4,700	1,000	12,600	137,700			
									155,700			266,000				104,400						166,800		1,972,800	

O-D TRIP MATRIX FOR 46 ZONE SYSTEM

PURPOSE: Work
MODE: All
PERIOD: 24 Hour

TO:

		METROPOLITAN TORONTO																DURHAM								
FROM:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
METRO	1	37,800	1,600	1,400	4,000	1,100	1,800	700	1,300	700	1,200	1,200	600	1,600	100	100	600				100			100		1
TORONTO	2	34,500	10,500	5,000	4,600	1,500	1,700	1,300	4,400	2,100	2,500	1,400	600	1,800	300	200	800				200	100			100	2
	3	23,600	6,600	18,600	5,600	1,500	1,200	1,100	2,900	3,200	9,000	2,000	600	1,900	100	200	900				200	200		200		3
	4	35,700	1,800	3,400	15,200	4,000	1,800	400	1,400	900	2,600	3,100	1,500	2,300	100	200	1,200				200			300		4
	5	11,300	800	1,600	4,400	6,900	1,800	200	700	500	1,700	2,000	2,100	3,900	100	200	1,900				200	100		100	100	5
	6	36,600	2,100	2,200	6,600	3,700	13,100	700	1,500	900	1,000	1,900	1,600	6,800	800	400	2,300				400		100	100		6
	7	4,000	1,200	900	400	200	100	4,400	4,500	1,200	700	400	100	200	100	100	100				100					7
	8	17,400	3,500	5,200	2,500	1,000	600	3,000	13,800	6,800	3,300	1,100	400	900		100	300				100			100		8
	9	3,400	800	2,300	800	400	200	600	2,500	8,400	4,400	500	100	400			300				100					9
	10	6,800	1,200	6,200	2,200	1,100	300	400	1,500	3,900	18,000	2,700	600	1,100	100	100	900				200			100		10
	11	12,400	900	2,500	4,300	2,000	1,000	300	600	1,100	5,100	7,800	1,500	1,400	100	100	1,300				100			100		11
	12	8,400	500	900	2,600	3,200	700		600	500	1,800	2,700	3,200	2,200	200	100	2,200				100			100		12
	13	15,900	1,000	1,500	3,900	5,800	3,800	400	900	800	1,500	1,500	1,700	20,900	1,300	1,200	6,400				700	200	100	500	100	13
	14	6,400	300	400	1,300	1,300	1,500		400	300	300	400	500	4,700	1,500	600	1,700				200	100	100	200		14
	15	6,400	200	400	1,000	1,900	1,200	100	300	400	600	500	800	6,000	700	2,600	3,000				500	200	200	200		15
	16	14,600	500	1,500	4,200	5,300	2,100	300	900	900	2,300	2,700	3,900	12,500	600	800	10,200		100		400	200	200	500	100	16
DURHAM	17	100				100			100					100				1,400	100			100	100	300		17
	18	300			100	200					100		100	200		100	100	100	1,000	100	100		100	200		18
	19	200	100											100			100		200	1,600	100	200	300	1,700	200	19
	20	3,700		400	500	900	300		100	200	300	400	600	2,600	200	400	1,500				3,400	1,000	300	800	100	20
	21	2,200	100	200	400	700	200				200	200	400	1,400	100	300	900				1,500	3,400	400	1,100	200	21
	22	1,300		100	400	400	200			100	200	100	300	1,000		300	400			100	1,100	1,300	4,200	3,700	500	22
	23	1,400		200	400	700	200	100	100		100	300	200	1,000		200	800			200	2,200	2,600	5,200	27,200	1,900	23
	24	400		100	100		100							100		100	100				300	300	700	4,700	4,200	24
YORK	25	400			200	100	100			100	200	100	100	400		100	200	100			100	100				25
	26	300	100	200	200	100				100	300	200	100	100			200		100	100						26
	27	900	100	100	300	200	100		200	200	600	500	300	300			200		100					100		27
	28	900		100	400	200	100			200	400	400	100	300			100									28
	29	2,000	100	400	800	600	200		200	300	1,300	1,300	300	300			600							100		29
	30	400		100	100	200	100			100	200	100	200	300			300		100		100		100			30
	31	7,200	400	1,000	2,200	2,600	600	200	600	600	1,600	2,600	2,100	3,900	100	300	2,900				400		200	200	100	31
	32	400	100	300	100			100	200	500	500	200		100			100									32
	33	3,500	300	2,000	1,300	400	200	100	600	1,700	3,700	1,400	400	600			200				100	100		100	100	33
PEEL	34	600		300	100	100		200	300	800	700													100		34
	35	4,800	500	1,900	1,100	600	100	700	2,900	4,800	3,400	500	200	400			500							100		35
	36	23,700	3,600	4,000	3,000	1,900	800	5,600	13,700	8,600	3,800	1,500	400	1,200	100	200	500				100			300		36
HALTON	37	600	100	100	200			100	200	300	200			100											100	37
	38	700		100	100			200	300	300	300	100														38
	39	5,400	100	200	600	300	100	400	1,300	600	200	200		100			100							100		39
	40	2,900	100	200	300	100		300	800	400	200			100			100									40
HAMILTON-	41	100							100	100						100										41
WENTWORTH	42	200																								42
	43	100																								43
	44																									44
	45	100		100																						45
	46	1,600	100	200	100	100	100	100	300	100	100	100	100	100										100		46
ZONE TOTAL		341,700	39,400	66,100	76,900	51,600	36,600	22,400	60,300	52,800	75,000	42,200	26,200	83,500	7,100	9,000	44,400	1,700	1,900	2,300	13,200	10,500	12,600	43,300	8,100	
REGION TOTAL																	1,035,000								93,500	

NOTE: All numbers have been rounded to the nearest hundred. As a result of this, there may be some discrepancy in the column and row totals.

O-D TRIP MATRIX FOR 46 ZONE SYSTEM (continued)

PURPOSE: Work
MODE: All
PERIOD: 24 Hour

TO:

	YORK									PEEL			HALTON				HAMILTON-WENTWORTH						ZONE	REGION		
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	TOTAL	TOTAL	FROM:	
1			100		200		800		600		400	1,600	100	100	200	100						200	60,500		1	METRO
2			200	200	100		1,100		1,900	100	1,200	5,100		100	400	200						100	84,100		2	TORONTO
3			200		300		1,600	100	3,900		1,000	5,200	100		300	100						200	92,800		3	
4				100	300		1,400	100	800	100	500	1,600			200	100						100	81,500		4	
5				100	100		2,300		700		300	900				100							45,200		5	
6			100		100	100	1,700		400		200	2,400		100	100							100	88,300		6	
7							200		300	100	300	3,100			100	100						100	22,800		7	
8					100		700	100	1,100	200	2,000	9,400			600	200						200	75,200		8	
9			100		100		500		1,600	100	1,000	3,500			100							100	32,800		9	
10			300	100	400		1,300	100	6,100		1,400	3,500			200								61,000		10	
11			100	100	800	100	2,400		2,300		300	1,900											50,800		11	
12				100	300		2,100		1,000		200	1,100											34,900		12	
13			100	100	200	100	2,900		700		300	1,400			100								76,200		13	
14					100		600		200		100	400											23,600		14	
15					100		1,300		300		300	300											29,700		15	
16			100		400		6,300		1,000		300	1,800				100							75,200	934,600	16	
17	300			100		100	100																2,900		17	DURHAM
18			200			300	600		100														4,000		18	
19							100																5,300		19	
20			100		100	100	900		100		100	400											19,800		20	
21							400					300											14,900		21	
22							400		100			200											16,700		22	
23					100	100	400				100	200											46,200		23	
24							100																11,300	121,100	24	
25	2,400	400	1,100	400	400	100	1,000	100	400		100	100											8,900		25	YORK
26		300	1,300	400	200	200	400	100	400			100											5,600		26	
27	100	300	4,700	1,000	900	200	800	200	600	100	100	400			100								13,600		27	
28			700	2,000	600	200	700	200	700			200											8,700		28	
29			300	300	4,000	200	2,200	100	2,000	100	200	500			100								18,600		29	
30			100	100	200	1,200	1,200	100	100			200											5,600		30	
31			100	200	1,100	400	10,300		1,300		300	1,100			100	100							44,900		31	
32			200	200	100		300	600	1,200	200	100	200											5,800		32	
33			100	100	500		1,300	100	4,600	200	900	1,700											26,600	138,400	33	
34					100		300		400	2,100	2,300	2,000	200		200							100	11,300		34	PEEL
35			100		200		600		2,200	600	34,000	17,000	300	100	400	100						100	78,500		35	
36			100		300		700	100	2,500	300	7,000	71,100	200	300	3,700	700					100	1,200	161,500	251,200	36	
37					100				100	300	2,500	2,200	5,200	700	400	100						100	13,700		37	HALTON
38							100		100		400	2,100	500	4,700	800	500						200	11,700		38	
39							100		100	100	500	6,800	100	300	14,400	1,100						900	34,400		39	
40							200		100		400	3,600	200	700	6,100	19,400	600	100	100		400	7,800	45,500	105,300	40	
41												500		200	300	1,700	1,800	300	100		200	2,000	7,600		41	HAMILTON-
42															200	500	300	1,400	200		100	4,200	7,300		42	WENTWORTH
43															100	600	100	100	1,100		200	3,200	5,800		43	
44															100	200		100	200	200	200	1,900	2,900		44	
45									100			100			300	1,000	100	100	100	100	3,200	9,600	14,900		45	
46							100		100		300	1,400		200	2,300	8,100	1,100	1,200	1,200	400	5,100	84,100	108,800	147,200	46	
	3,100	1,100	10,500	5,700	12,700	3,600	50,500	2,100	40,100	4,700	59,600	155,600	7,100	7,900	32,100	35,200	4,200	3,300	3,100	800	9,500	116,800				
									129,400			219,900				82,300						137,700		1,897,800		

O-D TRIP MATRIX FOR 46 ZONE SYSTEM

PURPOSE: Work
MODE: All
PERIOD: 6 to 9 AM

TO:

FROM:		METROPOLITAN TORONTO																DURHAM								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
METRO TORONTO	1	24,600	1,000	1,000	2,700	900	1,000	600	1,200	600	800	1,000	500	1,100		100	600				100			100		1
	2	24,100	6,600	3,800	3,300	1,200	1,100	1,000	3,200	1,700	2,000	1,200	400	1,400	200	200	500				200				100	2
	3	18,200	4,200	13,200	4,300	1,100	900	700	2,100	2,500	7,200	1,700	400	1,500	100		700				200	100		200		3
	4	28,500	1,300	2,500	10,700	3,400	1,200	300	1,000	700	1,800	2,300	1,300	1,900		100	1,100				100			200		4
	5	9,100	700	1,200	3,400	4,900	1,200	100	400	400	1,300	1,400	1,800	2,900		100	1,500				200	100		100	100	5
	6	27,600	1,200	1,700	5,000	2,800	8,100	400	1,200	700	800	1,400	1,200	5,000	600	300	1,700				300			100		6
	7	3,200	800	700	300	100		3,500	3,200	1,000	600	300	100	100	100		100				100					7
	8	14,200	2,500	4,100	2,100	700	500	2,400	9,400	5,300	2,600	800	300	600		100	300				100			100		8
	9	2,800	500	1,600	600	400	100	500	1,900	5,700	3,400	400	100	300			300				100					9
	10	5,500	900	4,800	1,800	800	200	400	1,200	2,900	13,400	2,100	400	900	100	100	600				100					10
	11	10,400	600	1,900	3,400	1,600	800	200	500	900	4,200	5,100	1,000	1,000	100	100	900				100			100		11
	12	7,100	400	800	2,100	2,400	400		500	500	1,400	2,200	1,800	1,500	100	100	1,600				100			100		12
	13	13,100	700	1,200	3,200	4,800	2,800	200	700	600	1,100	1,300	1,500	14,500	900	800	5,000				600	200	100	300	100	13
	14	5,300	200	300	1,000	1,100	1,100		300	200	200	300	400	3,600	900	400	1,600				200	100	100	100		14
	15	5,200	200	400	800	1,600	900	100	300	300	500	400	600	4,600	400	1,500	2,500				300	200	200	200		15
	16	12,000	400	1,300	3,600	4,700	1,400	300	600	800	2,000	2,100	3,000	9,300	500	600	6,900				300	200	200	300	100	16
DURHAM	17					100			100					100				900	100			100	100	200		17
	18	300			100	100					100		100	100			100	100	600				100			18
	19	100															100		100	1,100	100	100	200	1,100	200	19
	20	3,200		300	400	800	200			200	300	400	600	2,100	200	300	1,300				2,100	800	200	600		20
	21	2,100	100	100	400	500	200				100	200	300	1,100	100	300	700				1,100	2,400	300	700	200	21
	22	1,100		100	400	300	100				200	100	200	800		200	300				900	900	3,100	2,800	400	22
	23	1,100			200	600	200	100			100	200	200	800		100	800			200	1,800	1,900	3,700	18,000	1,500	23
	24	300		100			100										100				200	200	500	3,200	3,100	24
YORK	25	300			100	100	100				100		100	300		100	100	100								25
	26	300		100	200	100					300	200	100	100			200			100						26
	27	800	100	100	300	200	100		100	200	500	400	300	200			100		100							27
	28	800		100	300	200	100			200	400	400	100	200			100									28
	29	1,900	100	400	700	500	100		200	300	900	1,000	200	300			500							100		29
	30	300			100	200	100			100	200	100	100	200			300									30
	31	5,800	300	700	1,900	2,100	500	200	500	400	1,300	1,800	1,800	3,200	100	200	2,400				300		100	100	100	31
	32	300	100	200	100			100	200	500	400	100		100			100									32
	33	3,000	300	1,700	1,000	400	100	100	600	1,400	3,100	1,100	300	500			100					100		100	100	33
PEEL	34	500		200	100			200	200	800	600															34
	35	4,200	400	1,400	900	500	100	600	2,100	3,800	3,000	400	200	300			400							100		35
	36	20,200	2,500	3,400	2,400	1,700	600	4,500	11,200	6,900	3,100	1,100	200	900	100	100	400				100			200		36
HALTON	37	600		100	100			100	200	300	200			100												37
	38	500		100	100			200	300	200	200	100														38
	39	4,800	100	200	600	300	100	300	1,000	500	200	100		100			100							100		39
	40	2,600	100	200	300	100		200	600	400	200			100			100									40
HAMILTON-WENTWORTH	41	100							100																	41
	42	100																								42
	43																									43
	44																									44
	45	100		100																						45
	46	1,100	100	100	100	100			200	100	100	100														46
ZONE TOTAL		267,500	26,400	50,400	59,400	41,500	24,300	17,600	45,400	41,200	59,200	32,100	20,000	62,100	4,800	6,100	33,900	1,200	1,300	1,600	10,000	7,800	9,300	29,400	6,100	
REGION TOTAL																	792,000								66,600	

NOTE: All numbers have been rounded to the nearest hundred. As a result of this, there may be some discrepancy in the column and row totals.

O-D TRIP MATRIX FOR 46 ZONE SYSTEM (continued) (revised September 25, 1989)

PURPOSE: Work
MODE: All
PERIOD: 6 to 9 AM

TO:

	YORK									PEEL			HALTON				HAMILTON-WENTWORTH						ZONE	REGION	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	TOTAL	TOTAL	FROM:
1					100		600		400		300	1,000	100	100	100							200	40,900	▨	1 METRO
2			100	200	100		1,000		1,300	100	900	3,900			300	100						100	60,500	▨	2 TORONTO
3			100		200		1,400	100	3,100		600	4,100			200	100						100	69,600	▨	3
4				100	200		1,200	100	500	100	500	1,200			100							100	62,900	▨	4
5					100		1,900		500		200	700				100							34,600	▨	5
6			100		100	100	1,400		400		100	1,900			100								64,800	▨	6
7							100		300		300	2,600			100	100						100	17,700	▨	7
8					100		500	100	1,000	200	1,500	7,500			500	200						100	58,300	▨	8
9			100		100		400		1,200		700	2,500											24,200	▨	9
10			200	100	400		1,100	100	5,100		1,100	2,700			100								47,300	▨	10
11					600	100	1,700		1,700		200	1,400											38,900	▨	11
12				100	300		1,800		700		200	800											26,900	▨	12
13			100		200	100	2,300		600		300	1,100			100								58,700	▨	13
14					100		600		100		100	300											18,500	▨	14
15					100		900		200		200	300											23,000	▨	15
16			100		400		5,200		800		300	1,300				100							59,000	705,800	16
17	200			100		100																	2,100	▨	17 DURHAM
18			100			100	500		100														2,900	▨	18
19																							3,400	▨	19
20			100		100		800		100		100	200											15,700	▨	20
21							400					200											11,700	▨	21
22							300					100											12,900	▨	22
23							400				100	200											32,500	▨	23
24							100																8,000	89,200	24
25	1,600	200	900	300	300	100	800	100	200		100												6,200	▨	25 YORK
26		300	1,000	300	200	200	400	100	300			100											4,600	▨	26
27	100	200	3,300	900	700	100	700	200	600	100		300			100								10,900	▨	27
28			500	1,300	500	200	600	200	700			200											7,200	▨	28
29			200	200	2,800	200	1,900	100	1,600	100	200	400			100								14,700	▨	29
30			100	100	200	800	1,000	100				100											4,300	▨	30
31			100	100	800	300	6,800		1,100		300	900			100								34,400	▨	31
32			100	100	100		300	400	1,000	100	100	200											4,500	▨	32
33			100	100	300		1,100	100	3,400	100	600	1,400											21,100	108,000	33
34					100		200		300	1,400	1,900	1,700	100		100							100	8,800	▨	34 PEEL
35			100		100		600		1,800	500	23,400	13,700	100	100	300	100						100	59,200	▨	35
36					200		600	100	1,900	200	5,300	52,700	100	300	2,600	600					100	800	125,200	193,200	36
37									100	200	1,900	1,800	3,700	500	300							100	10,400	▨	37 HALTON
38							100		100		300	1,800	300	3,300	600	400						100	8,800	▨	38
39							100		100	100	400	5,800	100	200	9,300	1,000						800	26,400	▨	39
40							200		100		400	2,900	100	500	4,100	13,400	500	100	100		300	6,300	34,000	79,600	40
41												400		200	300	1,400	1,200	300	100		200	1,700	6,100	▨	41 HAMILTON-
42															100	500	200	1,000	100		100	3,400	5,500	▨	42 WENTWORTH
43															100	600	100	100	700		100	2,600	4,500	▨	43
44															100	200		100	100	100	200	1,400	2,100	▨	44
45												100			200	700	100	100	100	100	2,300	7,400	11,300	▨	45
46											200	1,000		200	1,700	6,000	800	900	900	300	3,900	58,300	76,300	105,900	46
	2,100	900	7,600	4,400	9,500	2,600	40,000	1,500	31,400	3,200	42,900	119,600	5,000	5,600	21,500	25,700	2,900	2,400	2,200	600	7,200	84,100	▨	▨	
	▨	▨	▨	▨	▨	▨	▨	▨	100,000	▨	▨	165,800	▨	▨	▨	57,800	▨	▨	▨	▨	▨	99,400	▨	1,281,600	

O-D TRIP MATRIX FOR 6 REGIONS

PURPOSE: All
MODE: All
PERIOD: 24 Hour

FROM: / TO:	METRO TORONTO	DURHAM	YORK	PEEL	HALTON	HAMILTON-WENTWORTH	REGION TOTAL
METRO TORONTO	3,946,300	65,000	224,200	237,500	34,000	10,600	4,517,600
DURHAM	65,500	571,100	14,000	3,800	600	600	655,500
YORK	224,400	13,700	450,600	22,400	2,300	800	714,300
PEEL	237,400	3,800	23,100	871,600	45,200	7,500	1,188,500
HALTON	34,300	500	2,400	44,900	473,100	49,800	605,100
HAMILTON-WENTWORTH	10,800	400	900	7,400	49,800	829,300	898,700
REGION TOTAL	4,518,800	654,600	715,100	1,187,400	605,200	898,600	8,579,600

O-D TRIP MATRIX FOR 6 REGIONS

PURPOSE: All
MODE: All
PERIOD: 6 to 9 AM

FROM: / TO:	METRO TORONTO	DURHAM	YORK	PEEL	HALTON	HAMILTON-WENTWORTH	REGION TOTAL
METRO TORONTO	938,200	8,900	53,000	48,700	3,600	1,500	1,053,900
DURHAM	30,200	111,700	4,600	1,200	200	100	148,000
YORK	72,800	2,300	90,200	6,600	500	100	172,500
PEEL	92,700	500	6,900	190,200	7,500	1,600	299,500
HALTON	18,700	200	1,000	17,400	78,600	11,000	126,900
HAMILTON-WENTWORTH	3,400	100	100	1,900	14,000	152,400	172,000
REGION TOTAL	1,156,100	123,700	155,700	266,000	104,400	166,800	1,972,800

O-D TRIP MATRIX FOR 6 REGIONS

PURPOSE: Work
MODE: All
PERIOD: 24 Hour

FROM: \ TO:	METRO TORONTO	DURHAM	YORK	PEEL	HALTON	HAMILTON-WENTWORTH	REGION TOTAL
METRO TORONTO	808,700	9,500	57,000	53,800	4,200	1,400	934,600
DURHAM	33,600	80,600	5,200	1,600	100	100	121,100
YORK	70,500	2,300	58,400	6,600	500	100	138,400
PEEL	98,300	700	7,600	136,500	6,400	1,600	251,200
HALTON	19,800	200	900	18,900	55,100	10,400	105,300
HAMILTON-WENTWORTH	4,200	100	300	2,400	16,100	124,200	147,200
REGION TOTAL	1,035,000	93,500	129,400	219,900	82,300	137,700	1,697,800

O-D TRIP MATRIX FOR 6 REGIONS (revised September 25, 1989)

PURPOSE: Work
MODE: All
PERIOD: 6 to 9 AM

FROM: \ TO:	METRO TORONTO	DURHAM	YORK	PEEL	HALTON	HAMILTON-WENTWORTH	REGION TOTAL
METRO TORONTO	607,200	7,600	45,800	41,400	2,800	900	705,800
DURHAM	27,400	56,500	4,000	1,100	100	100	89,200
YORK	57,300	1,800	43,300	5,300	300	100	108,000
PEEL	80,300	500	6,000	100,700	4,500	1,100	193,200
HALTON	17,000	100	800	15,500	37,800	8,400	79,600
HAMILTON-WENTWORTH	2,900	100	100	1,800	12,200	88,800	105,900
REGION TOTAL	792,000	66,600	100,000	165,800	57,800	99,400	1,281,600